

INTRODUCTION

From the simplest nail-on-type glides to 40,000 pound capacity casters... a small collapsible salesman's truck to a 5,500 pound pallet jack, the L. G. Rathbun Company stocks and distributes a full line of glides, casters, hand trucks and non-powered material handling equipment.

Since 1927, this family owned and operated firm has satisfied the caster and glide needs of the Mountain West. A large, comprehensive local stock and well trained staff assures the customer speedy service and an excellent chance of locating those hard-to-find items.

IF YOU CAN'T FIND THE ITEM YOU NEED, PLEASE CONTACT US (1-800-466-2713). We can't list all of the items and variations that we stock. We are the Regional Caster Source for the Rocky mountains and we want you for our customer.

GENERAL POLICIES

TERMS

The L. G. Rathbun Company will extend credit to anyone with an acceptable credit rating. Our terms are net 25 days. An 18% finance charge may be charged to any account past due. We accept Visa, Amex, Master Charge, Discover, personal and company checks with proper identification.

PRICES

Prices have been omitted from this catalog but will be furnished upon request.

QUOTATIONS

Quotations are firm for 30 days from the date of quotation unless other arrangements are agreed upon.

RETURNS

We ask that permission be obtained before material is returned. The returned material must be in new and unused condition, freight prepaid. In the event that incorrect or defective material was shipped, no restocking charge will be charged and freight will be credited. A restocking charge of 20% of the invoice value may be charged on returned goods. Special orders are not returnable.

SPECIAL ORDERS

Non-stock, unique or special orders will require prepayment. These orders are not returnable.

SPECIAL HANDLING

A special handling charge will be necessary for all orders with shipping requests via bus, air or any other routing which requires 'special handling'. This will be discussed separately on an order by order basis.

FREIGHT

All shipments are FOB point of origin. Freight will be added to shipments from our warehouse.

WARRANTY

All products sold by the L. G. Rathbun Company are covered by the standard manufacturer's warranty. The L. G. Rathbun Company limits its liability to the value of the defective material only. The L. G. Rathbun Company assumes no liability for damage to person or property caused by merchandise bought from or through it. As a distributor for the products described in this catalog, the L. G. Rathbun Company warrants that the representations made for these products accurately reflect the manufacturers representations to the L. G. Rathbun Company regarding those products. The L. G. Rathbun Company shall not in any way be liable for special, indirect, incidental or consequential damages.

Copyright ©2015 L. G. Rathbun Company
Denver, CO 80223














TABLE OF CONTENTS	PAGE
CASTERS	
 FURNITURE	10 - 15
 LIGHT DUTY	18 -19
 GENERAL DUTY	20
 INSTITUTIONAL	21 - 29
 TRUCK DUTY	30 - 35
 HEAVY DUTY	36 - 45
 PNEUMATIC	34
 SCAFFOLDING	47
 SPECIALTY	46 - 53
 STAINLESS	29, 35
 STEM/PLATE SELECTION CHART	130 - 141
 SOCKETS	16, 17
 FLOOR LOCKS	54, 55















TABLE OF CONTENTS	PAGE
WHEELS	
 HARD / SOFT RUBBER	69
 HIGH TEMPERATURE	65
 MOLD-ON RUBBER	56, 68
 NEOPRENE	59
 NYLON	63
 MAXIM GLASS FILLED NYLON	62
 PERFORMA	60
 PHENOLIC	61
 PNEUMATIC & CAREFREE	64, 85, 105
 POLYOLEFIN POLYPROPYLENE	63
 POLYURETHANE	57, 66, 67
 SOLID ELASTOMER	62
 STEEL CAST IRON	58
 V-GROOVE FLANGED	70













TABLE OF CONTENTS	PAGE
DOLLIES, CARTS, PLATFORM TRUCKS	
 SERVICE CARTS	107, 108
 STOCKING CARTS	109
 DOLLIES	114, 115
 3 WHEEL DOLLIES	116
 DRUM DOLLY	101, 114
 EQUIPMENT MOVER	118, 119
 DESK MOVERS	113
 DRYWALL DOLLY PANEL MOVERS	111, 112
 PLATFORM TRUCKS	110, 111
 PALLET TRUCK	120
 CANVAS TRUCKS	108
 'U' BOATS	117













TABLE OF CONTENTS	PAGE
HAND TRUCKS	
 ALUMINUM TRUCKS	83 - 89
 STEEL TRUCKS	90 - 94
 FOLDING TRUCKS	92, 93
 CYLINDER TRUCKS DRUM TRUCKS	91, 100
 HEAVY DUTY TRUCKS	94, 99
 FREIGHT PRYS	104
 CONVERTIBLE TRUCKS	86, 92
 STACKED CHAIR DOLLIES	113
APPLIANCE TRUCKS	
 ALUMINUM	98, 99
 STEEL TRUCKS	96 - 99
 4 WHEEL TRUCKS	97
 HEAVY DUTY	99


















TABLE OF CONTENTS	PAGE
GLIDES	
 THREADED GLIDES	72, 73, 78
 NAIL-IN GLIDES	74
 FELT GLIDES	74
 TUBING GLIDES	75, 77
 CRUTCH TIPS	76
 THREADED ADAPTERS	81
 MISC.	76

TABLE OF CONTENTS	PAGE
MISCELLANEOUS	
 AXLES & BUSHINGS	129
 BALL TRANSFERS	53
 BEARINGS	105
 BUMPERS	127
 PALLET PULLER	126
 PNEUMATIC TUBES & TIRES	64, 105
 RAMPS DOCK BOARDS	122, 135
 STRAPS	102 - 103
 TOOLS	128
 WELD PLATES	128

COMMONLY USED TERMS TO DESCRIBE CASTERS

ANSI/BIFMA . . .

Standards intended to provide manufacturers and users with a common basis for evaluating safety, durability and structural adequacy.

Bolt Hole Spacing . . .

The distance between top plate bolt hole centers.

Bore . . .

The diameter of the axle hole through the wheel.

Bushing . . .

Alternate term for spanner bushing.

Capacity . . .

The maximum dynamic load that the caster or wheel is capable of carrying.

Caster Size . . .

A method of classifying casters based upon the nominal wheel diameter.

Dynamic/Rolling Load . . .

The load imposed upon a caster or wheel while in motion.

Face . . .

Alternate term for tread width.

Horn . . .

A rigid or swivel caster assembly without the wheel.

Hub Length . . .

The distance through the center of a wheel.

Impact Load . . .

A momentary load imposed upon a caster or wheel by irregularities in the floor, vibration or a load being dropped on the equipment.

Kingpin . . .

A rivet, or threaded stud or bolt with nut, that holds the mounting plate and horn assembly of a swivel caster together. Forged as an integral part of mounting plate on higher quality casters for maximum rigidity and strength.

Load Height . . .

The distance between the top of the mounting plate or upper swivel raceway and the bottom of the wheel.

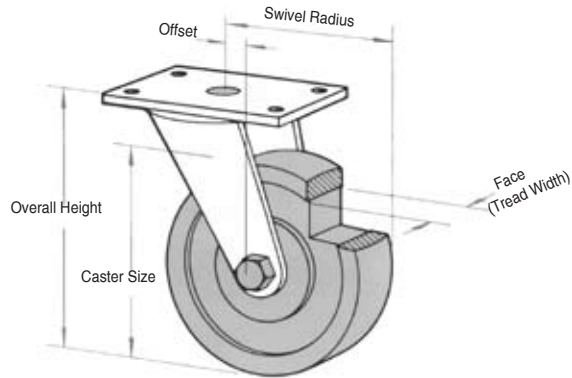
Mounting Plate . . .

The flat plate on top of the caster that is used for attachment.

Offset . . .

The horizontal distance between the center line of the swivel kingpin and the center line of the axle.

CASTERS - TERMS AND DEFINITIONS



Overall Height . . .

The vertical distance from the top of the caster mounting plate to the bottom of the wheel.

Race/Raceway . . .

A surface on which bearings, rollers or balls rotate.

Rig . . .

Alternate term for horn.

Rollability . . .

Measured by drawbar pull, it is the force required to begin or maintain motion. Rollability is determined by load, floor conditions, size and type of wheels and bearings.

Spanner Bushing . . .

A non-rotating sleeve that the axle runs through. It provides a surface for the wheel bearings to run on and strengthens the caster.

Static Load . . .

The load imposed upon a caster or wheel while stationary.

Stem . . .

A type of fastening that takes the place of a top plate. Caster stems can be threaded for through-bolting or mounting to a tapped mount plate; are available with a rubber expanding applicator for mounting into tubing; are available in various shapes, cross-drilled for attachment to angle iron or tubing; available in myriad configurations to suit special needs.

Swivel Radius . . .

The horizontal distance between the center line of the caster kingpin and the edge of the wheel.

Thrust Washer . . .

A steel washer between the wheel hub and the inside of the caster leg.

Tread Width . . .

Width of the wheel tread.

Yoke . . .

Alternate term for horn.

BEARING TYPES

Delrin Bearings

Delrin, a DuPont engineered plastic, is extremely durable under a wide range of temperatures and humidity conditions and is corrosion resistant. Wheels with the Delrin bearings are well suited for applications where brine conditions, steam cleaning, or where excessive water or liquids are present. Light oil or grease lubrication is always recommended.



Roller Bearings

The roller bearing is capable of carrying a greater load than the same size diameter ball bearing. It has a split outer race shell into which the roller assembly is inserted. The roller bearings are hardened steel. The spanner bushing is the same hardness as the bearing rollers. Combination seal/thrust retainer washers protect bearing from dirt, water, chemicals and help absorb side thrust.



Torrington - Style Roller Bearings

Torrington-style caged drawn cup bearings have a steel cage which provides inward retention of the rollers. This design provides maximum cage strength consistent with long service life.



Brass Bearings

Brass Bearings are used in high temperature environments where short travel distances are expected. High temperature grease lubrication is always recommended.



Annular Ball Bearings

Precision type bearings with machined, hardened raceways. For applications where maximum rolling ease and quiet operation are needed. Best suited for light to medium duty loads. Bearing is pre-assembled and the entire unit is mounted in the wheel.



Precision Sealed Ball Bearings

Recommended for maximum rolling ease with no maintenance required. Quiet operation for medium duty loads. Lowest roll resistance and permanently lubricated.



Precision Tapered Roller Bearings

The tapered roller bearing is the most effective bearing for heavy loads. It is capable of absorbing excessive friction when a load tips and can be used where high speed operation is essential. The axle need not be hardened since the bearing has a hardened race.



Bearings can be found on page 129.

7

Available with V-Groove

© L. G. Rathbun Company Denver, CO (800)466-2713 - Your Caster Source - 01/2015

WHEEL BRAKES



SL, B3, SB

Foot actuated side brake found on the light duty and general duty casters. Braking action is produced by the compression of the wheel hub providing limited braking ability with all wheels. These brakes are not normally field installable.



TLB, BRK7

Colson standard tread lock brakes available on institutional and truck duty casters. Brake is easily operated with foot action and provides positive braking. Limited braking ability when used with hard wheels.



CWB

Surface contact brake available for truck duty casters. Easily operated with foot action. Metal edge on brake makes contact with the tread providing positive braking action. Limited braking ability when used with hard wheels.



BRK2

Surface contact brake for use on truck duty casters recommended for both hard and soft tread wheels. Foot actuated rubber pad on brake makes contact with wheel tread providing positive braking.



BRK1

Surface contact brake for use on truck duty casters recommended for both hard and soft tread wheels. Foot actuated adjustable pad on brake makes contact with wheel tread providing positive braking.



FCWB

Face contact brake supplied on our heavy duty casters. Foot actuated cam provides positive braking and adjustment for wheel wear. Works well with hard and soft wheel treads. Brake is welded to fork, not field installable.



TSB

Machine caster brake used to immobilize heavy office machinery. When machinery is in place the thumb screw is tightened to stop all wheel movement.



TOTAL LOCK BRAKES

BRK5, TTL

Simply pressing the pedal locks the swivel and wheel in any position. A total lock is called for when the equipment must be free of all movement however slight. Available for truck duty and institutional casters. Not field installable in most cases.

SWIVEL LOCK



SW4, SW

Effectively converts a swivel caster to a rigid caster. Provides better tracking when moving equipment. When needed the lock is disengaged to allow for easy side motion. The wheel is unaffected by the swivel locking mechanism. Not field installable in most cases.

FEATURES

- Die Cast Body.
- Soft Polyurethane Tread Available (-U).
- Extends Carpet Life.
- Brake Available (-B).
- Non-Marking Wheels.
- Meets BIFMA / ANSI Standards.

See Mounting Options Below.



Pacer 50

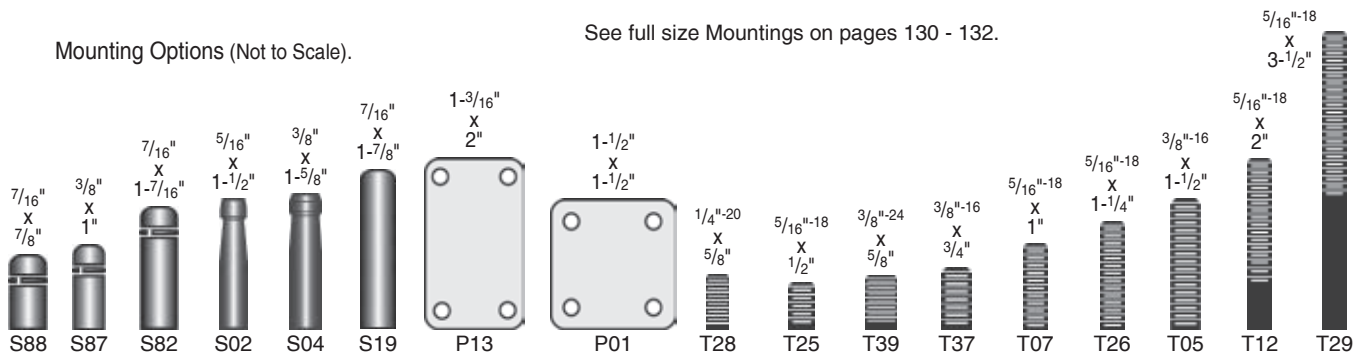


The dual wheel design of the Pacer caster allows more wheel surface on the carpet or floor, reducing floor wear. When swiveling, each wheel moves in an opposite direction to minimize twisting of carpet fibers. Tests prove that the twin wheel Pacer is kinder to carpets than any other style caster. The sleek hood and sturdy body are die cast zinc. Nylon wheels are available for carpets. Resilient polyurethane wheels are available for hard floors. **A brake is available on Pacer 50 nylon wheel model in BC, FB, SC and WA colors only.**

MODEL	WHEEL DIAMETER	MOUNTING CODE	DYNAMIC LOAD	PART NUMBER	FINISH	SWIVEL RADIUS	LOAD HEIGHT
Pacer 50	2" 50mm	P01	75 lbs.	PA5001-(Finish)	(BC) - Bright Chrome (FB) - Flat Black (BR) - Brass (SC) - Satin Chrome (WA) - Windsor Antique (BPB)	1-3/4" 2-7/16" for Brake	2-7/16"
		P13		PA5013-(Finish)			
		T05		PA5005-(Finish)			
		T07		PA5007-(Finish)			
		T25		PA5025-(Finish)			2-1/4"
		T28		PA5028-(Finish)			
		T37		PA5037-(Finish)			
		T39		PA5039-(Finish)			
		S02		PA5002-(Finish)			
		S04		PA5004-(Finish)			
		S82		PA5082-(Finish)			2-1/8"
		S87		PA5087-(Finish)			
		S88		PA5088-(Finish)			
Pacer 60	2-3/8" 60mm	P01	100 lbs.	PA6001-(Finish)	(BC) - Bright Chrome (FB) - Flat Black (BR) - Brass (SC) - Satin Chrome (WA) - Windsor Antique (BPB)	2-3/16"	2-7/8"
		P13		PA6013-(Finish)			
		T05		PA6005-(Finish)			
		T12		PA6012-(Finish)			
		S19		PA6019-(Finish)			
		T25		PA6025-(Finish)			
		T26		PA6026-(Finish)			
		T29		PA6029-(Finish)			
		T37		PA6037-(Finish)			
		T39		PA6039-(Finish)			
		S02		PA6002-(Finish)			
		S04		PA6004-(Finish)			
		S82		PA6082-(Finish)			2-3/4"
		S87		PA6087-(Finish)			
		S88		PA6088-(Finish)			2-5/8"

Mounting Options (Not to Scale).

See full size Mountings on pages 130 - 132.



NEOPRENE BALL BEARING CASTERS

FEATURES

- 5/16" axle.
- Double Row Ball Bearing Swivel.
- Ball Bearing Neoprene Wheel.
- 11/32" Kingpin.
- Swivel is Case Hardened.
- Meets BIFMA / ANSI Standards.



3" Omega

See Mounting Options Below .



Standard Brake

The Omega casters have a resilient ball bearing neoprene donut wheel. Both roll and swivel smoothly and are recommended for all floor surfaces, from carpet to quarry tile. **A brake is available on the 3" model.**

MODEL	WHEEL DIAMETER	MOUNT CODE	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	FINISH	SWIVEL RADIUS	LOAD HEIGHT
Omega	2"	S88	1 5/16"	75 lbs.	POM20201BC-NPR	Bright Chrome	2"	2-3/4"
	3"	S02		110 lbs.	POM3002BC-NPR		2-7/8"	3-7/8"
		S19			POM3019BC-NPR			
		P04			POM3004BC-NPR			
		S82			POM3082BC-NPR			
		S87			POM3087BC-NPR			
		S88			POM3088BC-NPR			
		BH			POM30403BC-NPR			
							3-1/8" For Brake	

MASTER BALL CASTERS

Special Order Only.

FEATURES

- Distinctive Hooded Design.
- Double Ball Bearing Swivel.
- Long Swivel Lead for Easy Swiveling.
- Many Stem Styles.



Super Ball

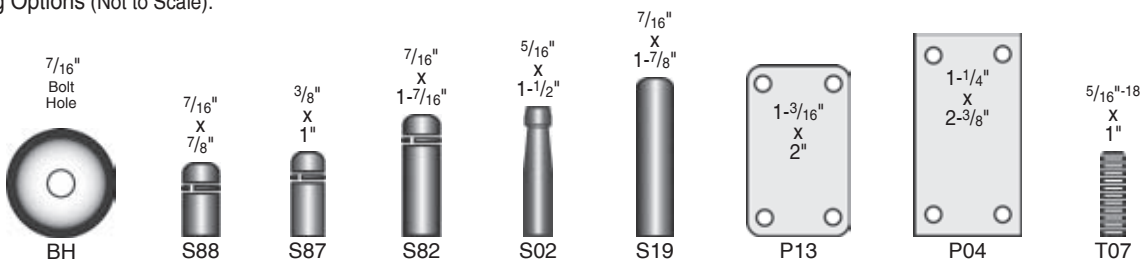
See Mounting Options Below.

The distinctive style of the Super Ball caster is copied by many but none come close to its level of quality or durability. The Super Ball caster is available in a variety of plates and stems and comes with a non-marking wheel. **A brake is not available.**

MODEL	WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	FINISH	SWIVEL RADIUS	LOAD HEIGHT
Super Ball	2"	S02	75 lbs.	SB-20-WS-(Finish)	(BO) - Black oxide	2-19/32"	Plates 2-5/8" all others 2-33/64"
		P13		SB-20-JS-(Finish)			
		S19		SB-20-ES-(Finish)			
		T07		SB-20-SS-(Finish)			
		S82		SB-20-CS-(Finish)			
		S87		SB-20-LS-(Finish)			
		S88		SB-20-BS-(Finish)			

Mounting Options (Not to Scale).

See full size Mountings on pages 130 - 132.



FEATURES

- Best Choice for Deep Pile Carpet.
- Easy Swiveling.
- Brake Available.
- Self Lubricating.
- All Moving Parts Enclosed.
- Meets BIFMA / ANSI Standards.



Planet



Optional Brake

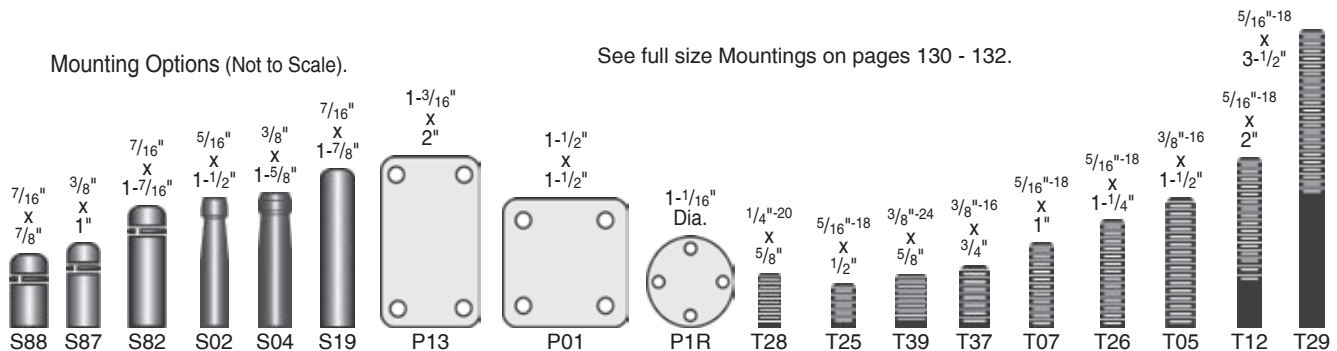
See Mounting Options Below.

This world famous caster is known for its classic styling and outstanding mobility. This is the original ball caster that launched a new concept in caster design and endurance. Die cast of strong metal alloy, it is a durable, superior quality product. The Shepherd ball caster features a self-lubricating acetal resin bearing for longer life. It swivels instantly and easily because the pivot point is below the center of gravity. All moving parts are enclosed and there is no exposed axle. **A brake is available on Planet 25 model in BC color only.**

MODEL	WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	FINISH	SWIVEL RADIUS	LOAD HEIGHT
Starlet 15	1-1/2" 38mm	P1R	40 lbs.	ST151R-(Finish)	(AC) - Antique Copper (BB) - Bright Brass (BC) - Bright Chrome (WA) - Windsor Antique	1-1/16"	1-7/8"
		S02		ST1502-(Finish)			1-3/4"
		T25		ST1525-(Finish)			1-7/8"
Satellite 20	2" 50mm	P01	75 lbs.	SE2001-(Finish)	(BB) - Bright Brass (BC) - Bright Chrome (SC) - Satin Chrome (WA) - Windsor Antique	1-1/2"	2-1/2"
		P13		SE2013-(Finish)			2-5/16"
		T05		SE2005-(Finish)			
		T07		SE2007-(Finish)			
		T25		SE2025-(Finish)			
		T28		SE2028-(Finish)			2-3/16"
		T37		SE2037-(Finish)			
		T39		SE2039-(Finish)			
		S02		SE2002-(Finish)			
		S04		SE2004-(Finish)			
		S82		SE2082-(Finish)			
		S87		SE2087-(Finish)			
		S88		SE2088-(Finish)			
Planet 25	2-1/2" 63mm	P01	100 lbs.	PL2501-(Finish)	(BB) - Bright Brass (BC) - Bright Chrome (SC) - Satin Chrome (WA) - Windsor Antique	1-7/8" 2-5/16" for Brake	2-15/16"
		P13		PL2513-(Finish)			2-13/16"
		T05		PL2505-(Finish)			
		T12		PL2512-(Finish)			
		S19		PL2519-(Finish)			
		T25		PL2525-(Finish)			2-11/16"
		T26		PL2526-(Finish)			
		T29		PL2529-(Finish)			
		T37		PL2537-(Finish)			
		T39		PL2539-(Finish)			
		S02		PL2502-(Finish)			
		S04		PL2504-(Finish)			
		S82		PL2582-(Finish)			
		S87		PL2587-(Finish)			
		S88		PL2588-(Finish)			

Mounting Options (Not to Scale).

See full size Mountings on pages 130 - 132.



RUBBER TREAD BALL CASTERS



See Mounting Options Below.



FEATURES

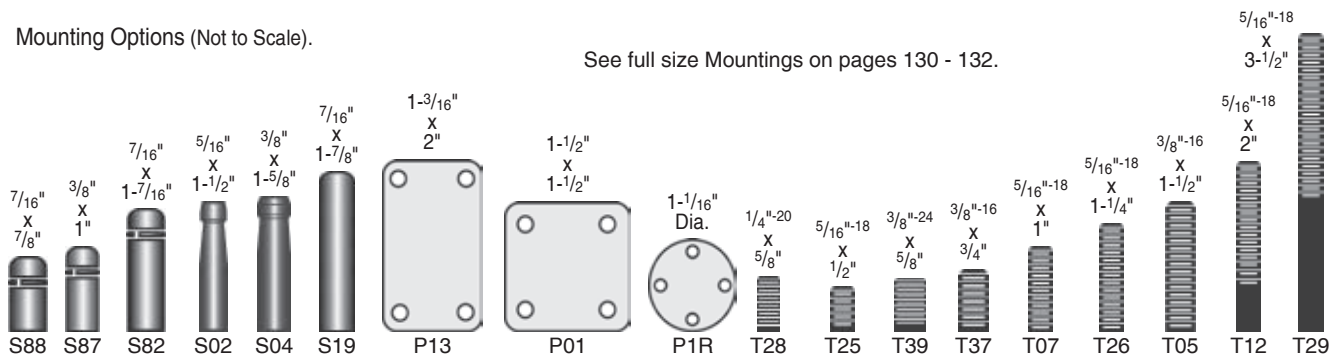
- Easy Swiveling.
- Brake Available (on Saturn only).
- Rubber Tread for Hard Floors.
- Self Lubricating.
- All Moving Parts Enclosed.
- Meets BIFMA / ANSI Standards.

This world famous caster is known for its classic styling and outstanding mobility. It's the original ball caster that launched a new concept in caster design and endurance. Die cast of strong metal alloy, and with a rubber tread it is well suited for hard floors. The Shepherd ball caster features a self-lubricating acetal resin bearing for longer life. It swivels instantly and easily because the pivot points below the center of gravity. All moving parts are enclosed and there is no exposed axle. **A brake is available on Saturn model only.**

MODEL	WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	FINISH	SWIVEL RADIUS	LOAD HEIGHT
Cosmo 40	1-9/16"	P1R	40 lbs.	CM401R-(Finish)	(BB) - Bright Brass	1-1/4"	1-7/8"
		S02		CM4002-(Finish)			1-3/4"
		T25		CM4025-(Finish)			1-7/8"
Nova 22	2-1/4"	P01	75 lbs.	NA2201-(Finish)	(BB) - Bright Brass (BC) - Bright Chrome (SC) - Satin Chrome (WA) - Windsor Antique	1-9/16"	2-5/8"
		P13		NA2213-(Finish)			2-7/16"
		T05		NA2205-(Finish)			
		T07		NA2207-(Finish)			
		T25		NA2225-(Finish)			
		T28		NA2228-(Finish)			2-5/16"
		T37		NA2237-(Finish)			
		T39		NA2239-(Finish)			
		S02		NA2202-(Finish)			
		S04		NA2204-(Finish)			
		S82		NA2282-(Finish)			
		S87		NA2287-(Finish)			
		S88		NA2288-(Finish)			
Saturn 30	3"	P01	100 lbs.	SN3001-(Finish)	(BB) - Bright Brass (BC) - Bright Chrome (SC) - Satin Chrome (WA) - Windsor Antique	2-1/16" 2-5/16" for Brake	3-3/16"
		P13		SN3013-(Finish)			3-1/16"
		T05		SN3005-(Finish)			
		T12		SN3012-(Finish)			
		S19		SN3019-(Finish)			
		T25		SN3025-(Finish)			
		T26		SN3026-(Finish)			
		T29		SN3029-(Finish)			
		T37		SN3037-(Finish)			
		T39		SN3039-(Finish)			
		S02		SN3002-(Finish)			2-15/16"
		S04		SN3004-(Finish)			
		S82		SN3082-(Finish)			
		S87		SN3087-(Finish)			
		S88		SN3088-(Finish)			

Mounting Options (Not to Scale).

See full size Mountings on pages 130 - 132.



FURNITURE CASTERS

AUTOMATIC BRAKE CASTERS

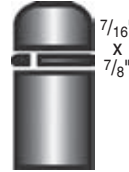
(Rolls without weight, BRAKES WHEN WEIGHT IS APPLIED).

Prevents wheels from rolling freely when the user is seated. Provides smooth rolling chair movement when no weight is applied. Ideal for medical and drafting stools. Soft wheels only.



PA50REV-SAFETY

WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	SWIVEL RADIUS	LOAD HEIGHT
50mm - 2"	S88	75 lbs.	PA50REV-SAFETY	2-1/16"	2-1/2"



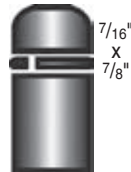
S88

AUTOMATIC BRAKE RELEASE CASTERS

(BRAKES WITHOUT WEIGHT, rolls when weight is applied).

Features an internal brake which prevents wheels from rolling freely. Allows smooth effortless chair rolling while seated. Ideal for situations where chair MUST not scoot away when trying to sit. Soft wheels only.

WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	SWIVEL RADIUS	LOAD HEIGHT
50mm - 2"	S88	75 lbs.	PA50SAFETY	2-1/16"	2-1/2"



S88



PA50SAFETY

LOW PROFILE TWIN WHEEL CASTER

FEATURES

- High Load Capacity.
- Low 1-3/4" Overall Height.
- 5/8" Wide Wheels.
- Nylon and Polyurethane Wheels Available.
- 5/16"-18 x 5/8" Threaded Stem Available.

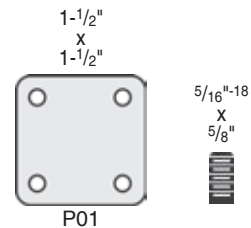


DZ215-3X1B



TUKF229-24X1B
w/Brake

Mounting Options (Not to Scale).



This low overall height twin wheel caster features 5/8" wide wheels resulting in a high weight capacity. **A brake is available with the polyurethane wheel only.**

WHEEL DIAMETER	DYNAMIC LOAD	MOUNTING DESCRIPTION	PART NUMBER	DESCRIPTION	SWIVEL RADIUS	LOAD HEIGHT
37mm	100 lbs.	PO1 Plate	DZ215-3X1B	Polyamide 6 Wheel	1-1/2"	1-3/4"
		5/16"-18 Stem	DZ215-3X5/16B			
		PO1 Plate	TUK229-24X1B	Polyurethane Wheel	1-3/4"	
			TUKF229-24X1B	Polyurethane Wheel w/Brake		

NYLON BODY TWIN WHEEL CASTERS



TWHN-40N-T10M-BK
A



TWUN-60U-T28-BK-B
C



TWUN-75U-T06M-BK-B
E

FEATURES

- Die-cast Nylon Body.
- Both Nylon and Polyurethane Wheels Available.
- Good Rollability.
- Injection Molded.



TWHN-50N-S10-BK
B



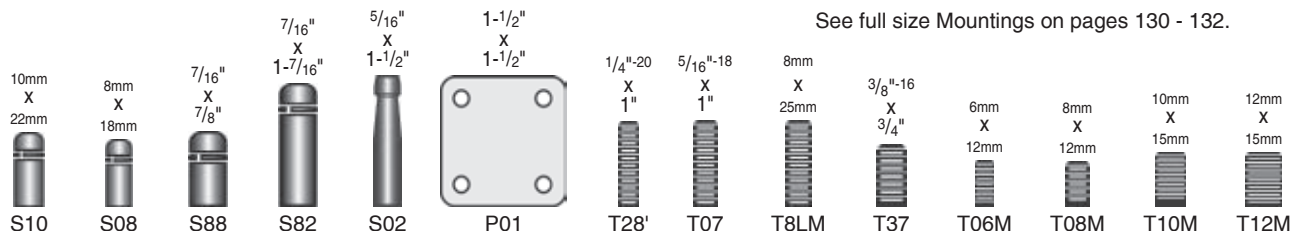
TWUN-60N-P01-GS
D

These Schioppa casters feature Nylon construction with hard Nylon or soft Urethane wheels. This is a good tough affordable caster for all floor surfaces.

WHEEL DIAMETER	DYNAMIC LOAD	WHEEL MATERIAL	STYLE	PART NUMBER	PART NUMBER W/BRAKE	SWIVEL RADIUS	LOAD HEIGHT
40mm	65 lbs.	Nylon	A	TWHN-40N-??-BK	TWHN-40N-??-BK-B	1-11/16" non-brake 2-17/64" brake	2" Stem 2-1/4" Plate
50mm	100 lbs.	Nylon	B	TWHN-50N-??-BK	TWHN-50N-??-BK-B	1-3/4" non-brake 2-7/16" brake	2-3/8" Stem 2-5/8" Plate
60mm	130 lbs.	Urethane	C	TWHN-60N-??-BK	TWHN-60N-??-BK-B	2" non-brake 3-1/16" brake	2-3/4" Stem 3" Plate
75mm	110 lbs.	Nylon	D	TWUN-60N-??-GS	TWUN-60N-??-GS-B	2-11/32" non-brake 3-25/64" brake	3-15/32" Stem 3-23/32" Plate
		Urethane	E	TWHN-75N-??-BK	TWHN-75N-??-BK-B		

?? = Stem Code

Mounting Options (Not to Scale).



T28' 1/4" stem longer than shepherds.

FURNITURE SOCKETS

WOOD STEM SOCKETS



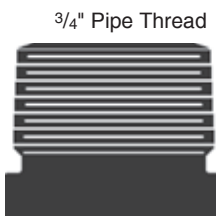
The 'S02' stem is the standard stem for wood. The sockets shown will handle 99% of all wood stem fastening needs. The 'B' and 'C' sockets are used in chairs and furniture. The 'D' style is used on panel leg desks. Casters that use these sockets can be found on pages 10 - 14.

STYLE	OUTSIDE DIAMETER	PART NUMBER	MATERIAL
B	.382"	25RP	Steel
C	.435"	SR2802BN-P	Plastic
D	.388"	HMCC-34*	Steel

* For 3/4" Thick Paneling

Wood stem socket puller can be found on page 128.

PIPE THREAD ADAPTERS



These adapters allow a caster with a 3/4" pipe thread to be used in a larger pipe. In all cases the weight capacity of

the caster will be unaffected by the use of these adapters.

Casters that use these adapters can be found on page 25.

STYLE	INSIDE THREAD DIA.	OUTSIDE THREAD DIA.	PART NUMBER
A	3/4"	1"	RB100-75
C	3/4"	1-1/4"	RB125-75
D	3/4"	1-1/2"	RB150-75

7/16" GRIP RING SOCKETS

A
2-1/8" Dia.



B



C



D



E



F



G



H



I



J



K



S82



S88

The 'S88' and 'S82' stems are commonly used in office chairs, carts and shelving. The 'A' style socket is intended for use

in wood but can be welded if necessary. Sockets 'B' through 'F' are used in round or square tubing and pipe. Sockets 'G' through 'J' are mounted to the sides and corners of furniture. The 'K' socket is threaded for compatibility with pipe threads. Pipe adapters on page 16 will adapt the 'K' socket to other pipe sizes. Casters that use these sockets can be found on pages 10 - 14, 18, 26 and 49.

STYLE	MOUNT O. D.	DESCRIPTION	PART NUMBER	TUBING I. D.
K	1/2"	Pipe Thread	W43	-
A	9/16"	For Wood	GRM-044	
B		For Steel	10RP	
B	5/8"	Fits 1/2" Std Pipe	11RP	
K	3/4"	Pipe Thread	W44	
D		16 Gauge SQ.	RT620-SQ	.620
D		18 Gauge SQ.	RT650-SQ	.657/.662
E	7/8"	18 Gauge RD.	RT120-RD	.777
D	1"	18 Gauge SQ.	RT902-SQ	.902
F		18 Gauge RD.	E-1618BK-RD	.920
C		16 Gauge SQ.	GRP-100S16	.890
K	1-1/16"	Pipe Thread	W45	-
E		13 Gauge RD.	RT123-RD	.872
E		14 Gauge RD.	RT125-RD	.902
D	1-1/8"	11 Gauge SQ.	RT880-SQ	.885
E	1-1/4"	14 Gauge RD.	RT126-RD	1.072
E		14 Gauge RD.	RT127-RD	1.120
D		11 Gauge SQ.	RT1010-SQ	1.010/1.020
D		16 Gauge SQ.	RT1120-SQ	1.120/1.130
D		18 Gauge SQ.	RT1150-SQ	1.150/1.160
D	1-1/2"	18 Gauge SQ.	RT1150B-SQ	1.150/1.160
D		18 Gauge SQ.	RT1400-SQ	1.400/1.410
D		7 Gauge SQ.	RT1140-SQ	1.140/1.150
E		16 Gauge RD.	RT1370-RD	1.370
E		13 Gauge RD.	RT1310-RD	1.310/1.320
E	1-5/8"	16 Gauge RD.	RT1495-RD	1.495
G	-	Outside Corner Pierced	30RP	-
H		Inside Corner Pierced	34RP	
I		Inside Corner	19CC	
J		Side Mount Pierced	32RP	

LIGHT DUTY CASTERS

SINGLE WHEEL CASTERS

FEATURES

- Good Floor Protection.
- Dual Ball Bearing Swivel Race.
- Good Rollability.
- Variety of Mountings.
- Nominal 1" Tread Width.



3220-11-PLY-TLB



Colson Side Brake
BRK3



Side Brake
SB



Tread Lock Brake
TLB

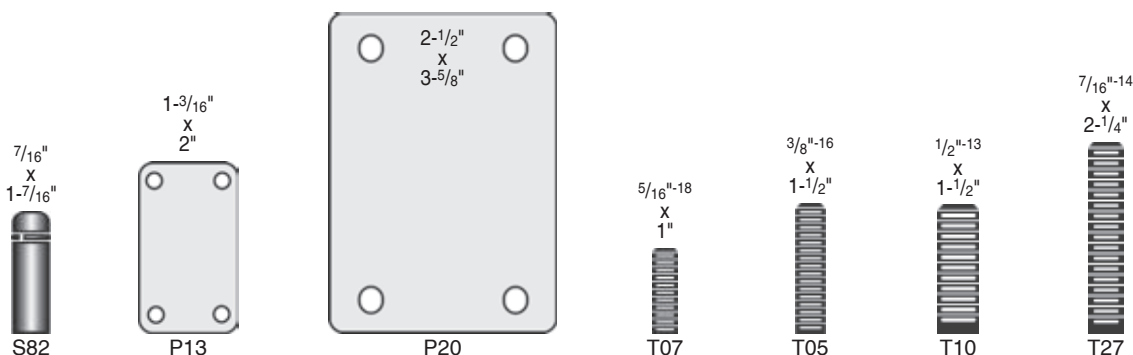
See Brake Section on Pgs. 8 - 9.

This classic caster is strong, reliable and available with a variety of wheel materials. The rig features a dual ball bearing raceway for easy swiveling and greater load capacity.

WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	FINISH	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT	BRAKE STYLE
2"	T05	90 lbs.	3220-24-PLY	Zinc Plated	Polyurethane	2"	2-7/8"	TLB
			3220-24-MIR		Gray Rubber			
		125 lbs.	3220-24-HR		Hard Rubber			
	T07	66 lbs.	3020-21-MIR		Gray Rubber	1-13/16"	2-11/16"	
		90 lbs.	3220-21-PLY		Polyurethane	2"	2-7/8"	
		125 lbs.	3220-21-LDP		Light Duty Plastic			
	S82	66 lbs.	3020-12-MIR	Zinc Plated	Gray Rubber	1-13/16"	2-5/8"	TLB
		90 lbs.	3220-11-SR		Soft Rubber	2"	2-13/16"	
			3220-11-PLY		Polyurethane			
		125 lbs.	3220-11-HR		Hard Rubber			
	P13	66 lbs.	3020-01-MIR		Gray Rubber	1-13/16"	2-5/8"	
			3020-01-PLY		Polyurethane	1-15/16"	2-3/4"	
		75 lbs.	1.02266.441		Gray Performa			
	P20	90 lbs.	3220-01-PLY	Zinc Plated	Polyurethane	2"	2-13/16"	TLB
		125 lbs.	3220-01-HR		Hard Rubber			
2-1/2"	P13	77 lbs.	3025-01-SR		Soft Rubber	2-1/16"	3-1/8"	N/A

See full size Mountings on pages 130 - 132.

Mounting Options (Not to Scale).



SINGLE WHEEL CASTERS CONTINUED

WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT	BRAKE STYLE	
			SWIVEL	RIGID						
3"	T05	100 lbs.	3230-24-SR		Soft Rubber	Nylon	2-1/2"	3-7/8"	TLB	
		150 lbs.	3230-24-HR		Hard Rubber	Nylon	2-1/2"	3-7/8"	TLB	
		125 lbs.	1.03354.441		Performa	Delrin	2-13/16"	3-3/4"	BRK3	
	T10	100 lbs.	3630-21-MIR		Gray Rubber	Nylon	2-5/8"	3-3/4"	-	
		125 lbs.	3630-21-HR		Hard Rubber	Nylon				
			3630-21-LDP		Light Duty Plastic	Plain Bore				
	P20	100 lbs.	3630-01-MIR	3630R-01-MIR	Gray Rubber	Nylon			TLB	
		125 lbs.	3630-01-HR	3630R-01-HR	Hard Rubber	Nylon				
			3630-01-LDP	3630R-01-LDP	Light Duty Plastic	Plain Bore				
	S82	100 lbs.	3630-11-MIR		Gray Rubber	Nylon				
		125 lbs.	3630-11-HR		Hard Rubber	Nylon				
			3630-11-LDP		Light Duty Plastic	Plain Bore				
4"	T05	125 lbs.	1.04354.441		Performa	Delrin	3-7/16"	4-3/4"		BRK3
		135 lbs.	1.04354.91		Polyurethane	Delrin	3-1/8"			TLB
		125 lbs.	3640-38-TPR		TPR	Plain Bore				
	T10	125 lbs.	3640-21-MIR		Gray Rubber	Nylon				
		140 lbs.	3640-21-HR		Hard Rubber	Nylon				
		175 lbs.	3640-21-LDP		Light Duty Plastic	Plain Bore				
	P20	125 lbs.	3640-01-MIR	3640R-01-MIR	Gray Rubber	Nylon				
		140 lbs.	3640-01-HR	3640R-01-HR	Hard Rubber	Nylon				
		175 lbs.	3640-01-LDP	3640R-01-LDP	Light Duty Plastic	Plain Bore				
	T27	125 lbs.	3640-22-MIR		Gray Rubber	Nylon				
		140 lbs.	3640-22-HR		Hard Rubber	Nylon				
		175 lbs.	3640-22-LDP		Light Duty Plastic	Plain Bore				
	S82	125 lbs.	3640-11-MIR		Gray Rubber	Nylon				
		140 lbs.	3640-11-HR		Hard Rubber	Nylon				
		175 lbs.	3640-11-LDP		Light Duty Plastic	Plain Bore				
5"	T05	145 lbs.	1.05354.441		Performa	Delrin	4-1/16"	5-3/4"	BRK3	
			1.05354.53		Polyolefin	Delrin				
		140 lbs.	1.05354.91		Polyurethane	Delrin				
				3650-38-TPR		TPR	Plain Bore			
	T10	135 lbs.	3650-21-MIR		Gray Rubber	Nylon	3-11/16"		TLB	
		145 lbs.	3650-21-HR		Hard Rubber	Nylon				
		200 lbs.	3650-21-LDP		Light Duty Plastic	Plain Bore				
	P20	135 lbs.	3650-01-MIR	3650R-01-MIR	Gray Rubber	Nylon				
		145 lbs.	3650-01-HR	3650R-01-HR	Hard Rubber	Nylon				
		200 lbs.	3650-01-LDP	3650R-01-LDP	Light Duty Plastic	Plain Bore				
	S82	135 lbs.	3650-11-MIR		Gray Rubber	Nylon				
		145 lbs.	3650-11-HR		Hard Rubber	Nylon				
200 lbs.		3650-11-LDP		Light Duty Plastic	Plain Bore					

GENERAL DUTY CASTERS

SINGLE BALL RACEWAY CASTERS

Features

- NSF(National Sanitation Foundation) Approved.



See Mounting Options Below.

4030-01-SR-SB
w/Optional Brake



4030R-01-HR

Single level, ball bearing swivel with a large king pin for economy and long life. These durable casters are designed for heavy loads, limited travel distances and low cost. **Side brakes (-SB) are available on the swivel casters.**

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID				
2"	15/16"	90 lbs.	4020-01-SR	4020R-01-SR	Soft Rubber	Nylon	1-3/4"	2-7/16"
		125 lbs.	4020-01-HR	4020R-01-HR	Hard Rubber	Nylon		
			4020-01-STL	4020R-01-STL	Steel	Plain Bore		
2-1/2"	1-1/16"	100 lbs.	4025-01-SR	4025R-01-SR	Soft Rubber	Nylon	2-3/8"	3-1/4"
		175 lbs.	4025-01-HR	4025R-01-HR	Hard Rubber	Nylon		
3"	1-1/4"	125 lbs.	4030-01-SR	4030R-01-SR	Soft Rubber	Nylon	2-7/16"	3-3/4"
		250 lbs.	4030-01-HR	4030R-01-HR	Hard Rubber	Nylon		
4"		200 lbs.	4040-01-SR	4040R-01-SR	Soft Rubber	Nylon	2-9/32"	5"
		300 lbs.	4040-01-HR	4040R-01-HR	Hard Rubber	Nylon		

Mounting Options (not to Scale).

Non-standard outside dimensions.	2" Swivel	See P18 on Pg. 132 1-7/8" x 2-9/16"	2" Rigid	See P05 on Pg. 132 1-1/2" x 2-21/32"
	2-1/2" Swivel	See P20 on Pg. 133 2-3/4" x 3-7/8" **	2-1/2" Rigid	See P24 on Pg. 133 2-1/4" x 4-7/16"
	3" Swivel	See P30 on Pg. 133 3-1/8" x 4-1/8"	3" Rigid	See P32 on Pg. 134 2-1/2" x 4-15/16"
	4" Swivel	See P52 on Pg. 135 4" x 5-1/8"	4" Rigid	See P54 on Pg. 136 3-1/8" x 6-1/4"

COLSON PLATE CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- 3/8" Zerk Axles.
- NSF(National Sanitation Foundation) Approved.



2.05208.91

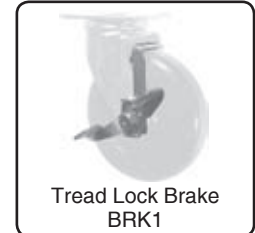
Rigid Caster



2.04256.441



Total-Lock Brake
BRK5



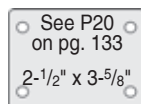
Tread Lock Brake
BRK1

See Brake Section on
Pgs. 8 - 9.

Colson manufactures an exceptional caster. Colson casters cost a little more but most of our customers agree that the cost of down time of equipment and replacing inferior casters far outweighs the small increase in price. Optional Total Lock brake available on 3-1/2", 4" and 5" swivel casters only.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID				
2-1/2"	1-1/4"	140 lbs.	2.02256.441	2.02208.441	Performa	Delrin	2-13/32"	3-7/8"
		200 lbs.	2.02256.53	2.02208.53	Polyolefin	Delrin		
		250 lbs.	2.02256.91	2.02208.91	Polyurethane	Delrin		
			2.02256.95	2.02208.95	Polyurethane	Ball		
3"		155 lbs.	2.02256.MIR	2.02208.MIR	Mirage Rubber	Ball	2-21/32"	4-1/8"
		200 lbs.	2.02256.52	2.02208.52	Polyolefin	Delrin		
		220 lbs.	2.02256.PLY	2.02208.PLY	Polyurethane	Ball		
		225 lbs.	2.02256.PPR	2.02208.PPR	Soft Rubber (gray)	Ball		
3-1/2"		250 lbs.	2.03256.53	2.03208.53	Polyolefin	Delrin	2-29/32"	4-11/16"
			2.03256.441	2.03208.441	Performa	Delrin		
			2.03256.445	2.03208.445	Performa	Ball		
			2.03256.95	2.03208.95	Polyurethane	Ball		
4"		300 lbs.	2.03256.12	2.03208.12	Cast Iron	Plain Bore	3-7/32"	5-1/8"
		275 lbs.	2.04256.53	2.04208.53	Polyolefin	Delrin		
			2.04256.91	2.04208.91	Polyurethane	Delrin		
			2.04256.95	2.04208.95	Polyurethane	Ball		
		300 lbs.	2.04256.12	2.04208.12	Cast Iron	Plain Bore		
			2.04256.441	2.04208.441	Performa	Delrin		
			2.04256.445	2.04208.445	Performa	Ball		
		5"	250 lbs.	2.05256.565	2.05208.565	Performa Rd.			Ball	3-13/16"	6-3/16"
300 lbs.			2.05256.12	2.05208.12	Cast Iron	Plain Bore		
			2.05256.53	2.05208.53	Polyolefin	Delrin		
			2.05256.91	2.05208.91	Polyurethane	Delrin		
			2.05256.95	2.05208.95	Polyurethane	Ball		
325 lbs.			2.05256.441	2.05208.441	Performa	Delrin		
			2.05256.445	2.05208.445	Performa	Ball		

Mounting Options (Not to Scale).



Standard
Plate

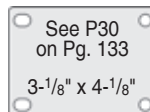


Plate Option
MTG59

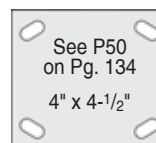


Plate Option
MTG27

INSTITUTIONAL CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- $\frac{3}{8}$ " Zerk Axles.
- NSF(National Sanitation Foundation) Approved.

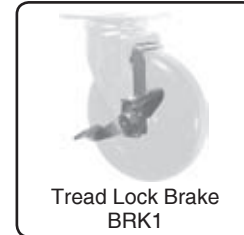


2.05256-53-MTG35

SPECIAL PLATE CASTERS



Total-Lock Brake
BRK5

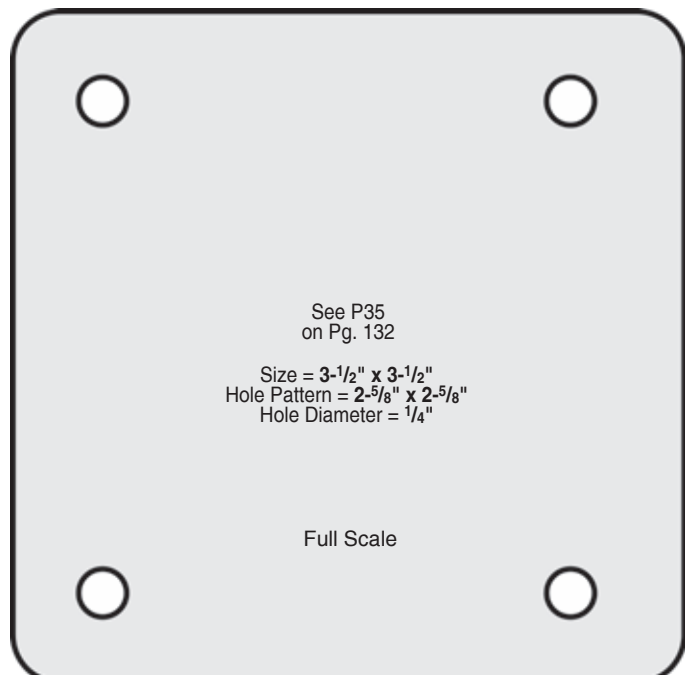
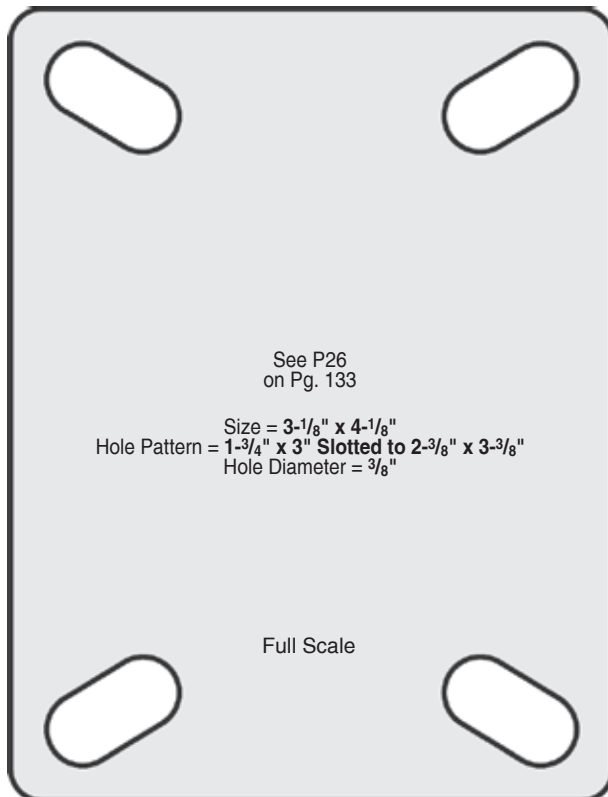


Tread Lock Brake
BRK1

See Brake Section on
Pgs. 8 - 9.

The P35 plate is specially designed to replace food service legs. The bolt hole pattern is $2\frac{5}{8}$ " square. The plate is attached to a quality 4 or 5" x $1\frac{1}{4}$ " NSF approved rig. For many applications the Polyolefin wheel is the most popular wheel choice. The P26 plate is used for high temperature bakery oven applications. Both are available with swivel rig only. Optional Total-Lock brake is available on the P35 plate casters.

WHEEL DIAMETER	TREAD WIDTH	MOUNT CODE	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
4"	1-1/4"	P26	300 lbs.	5040-03-52HT	Thermo Resin	Plain	3-1/2"	5"
				2.04256.53-MTG35	Polyolefin	Delrin	3-7/32"	5-1/8"
5"		P35	325 lbs.	2.05256.441-MTG35	Performa	Delrin	3-13/16"	6-3/16"
				2.05256.445-MTG35	Performa	Ball		
			300 lbs.	2.05256.53-MTG35	Polyolefin	Delrin		
				2.05256.91-MTG35	Polyurethane	Delrin		



COLSON THREADED STEM CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- 3/8" Zerk Axles.
- NSF(National Sanitation Foundation) Approved.



Tread Lock Brake
BRK1



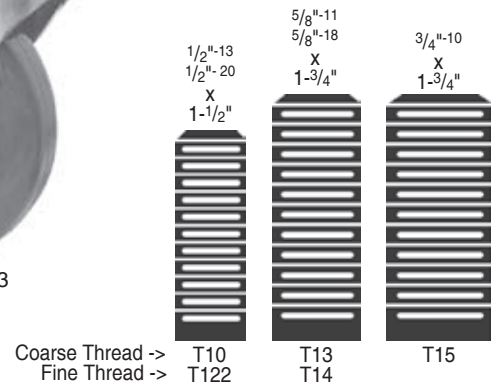
Total-Lock Brake
BRK5

See Brake Section on Pgs. 8 - 9.



2.05254.95 T13

Mounting Options (Full Scale).



The threaded stem is a convenient method for attaching a caster where limited mounting space makes a plate mount impossible. When leveling is required spacer washers should be placed between the top of the caster and the mounting frame to give full support to the caster.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
2-1/2"	1-1/4"	140 lbs.	2.02254.441	Performa	Delrin	2-13/32"	3-3/4"
		200 lbs.	2.02254.53	Polyolefin	Delrin		
		250 lbs.	2.02254.91	Polyurethane	Delrin		
			2.02254.95	Polyurethane	Ball		
3"		155 lbs.	2.02254.MIR	Mirage Rubber	Ball	2-21/32"	4"
		200 lbs.	2.02254.52	Polyolefin	Delrin		
		220 lbs.	2.02254.PLY	Polyurethane	Ball		
		225 lbs.	2.02254.PPR	Soft Rubber (gray)	Ball		
3-1/2"		230 lbs.	2.03254.53	Polyolefin	Delrin	2-29/32"	4-9/16"
		250 lbs.	2.03254.441	Performa	Delrin		
			2.03254.445	Performa	Ball		
			2.03254.91	Polyurethane	Delrin		
			2.03254.95	Polyurethane	Ball		
		300 lbs.	2.03254.12	Cast Iron	Plain Bore		
4"		275 lbs.	2.04254.53	Polyolefin	Delrin	3-7/32"	5"
			2.04254.91	Polyurethane	Delrin		
			2.04254.95	Polyurethane	Ball		
		300 lbs.	2.04254.12	Cast Iron	Plain Bore		
			2.04254.441	Performa	Delrin		
			2.04254.445	Performa	Ball		
5"		250 lbs.	2.05254.561	Performa Rd.	Delrin	3-13/16"	6-1/16"
			2.05254.565	Performa Rd.	Ball		
		300 lbs.	2.05254.53	Polyolefin	Delrin		
			2.05254.12	Cast Iron	Plain Bore		
			2.05254.91	Polyurethane	Delrin		
			2.05254.95	Polyurethane	Ball		
		325 lbs.	2.05254.441	Performa	Delrin		
			2.05254.445	Performa	Ball		

INSTITUTIONAL CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- $\frac{3}{8}$ " Zerk Axles.
- $\frac{1}{2}$ " x $2\text{-}\frac{11}{16}$ " Threaded Stem.
- NSF(National Sanitation Foundation) Approved.



Total-Lock Brake
BRK5



Tread Lock Brake
BRK1

See Brake Section on
Pgs. 8 - 9.



2.05267.441 (APP46)

Mounting Options



Expanding Rubber Adapters

CODE	INSIDE DIAMETER
APP40	$\frac{3}{4}$ " -> $1\frac{3}{16}$ "
APP41	$\frac{7}{8}$ " -> $1\frac{5}{16}$ "
APP42	1" -> $1\frac{1}{16}$ "
APP43	$1\frac{1}{8}$ " -> $1\frac{3}{16}$ "
APP44	$1\frac{1}{4}$ " -> $1\frac{5}{16}$ "
APP45	$1\frac{3}{8}$ " -> $1\frac{7}{16}$ "
APP46	$1\frac{1}{2}$ " -> $1\frac{9}{16}$ "
APP47	$1\frac{5}{8}$ " -> $1\frac{11}{16}$ "

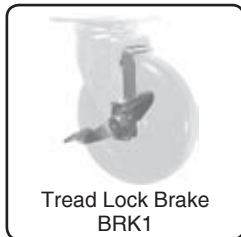
For use on food service carts, dish carts, process tables and commercial kitchen equipment. These stems are made for food handling equipment. The rubber expanding adapter kits are made to fit the most popular round and square tubing sizes in the food handling field.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
2-1/2"	1-1/4"	140 lbs.	2.02267.441	Performa	Delrin	2-13/32"	4"
			2.02267.445	Performa	Ball		
		200 lbs.	2.02267.53	Polyolefin	Delrin		
			250 lbs.	2.02267.91	Polyurethane			Delrin
2.02267.95		Polyurethane		Ball			
3"		155 lbs.	2.02267.MIR	Mirage Rubber	Ball	2-21/32"	4-1/4"
		200 lbs.	2.02267.52	Polyolefin	Delrin		
		220 lbs.	2.02267.PLY	Polyurethane			
		225 lbs.	2.02267.PPR	Soft Rubber (gray)	Ball		
3-1/2"		230 lbs.	2.03267.53	Polyolefin	Delrin	2-29/32"	4-9/16"
			250 lbs.	2.03267.441	Performa			Delrin
		2.03267.445		Performa	Ball		
		2.03267.91		Polyurethane	Delrin		
4"		300 lbs.		2.03267.95	Polyurethane	Ball	
			2.03267.12	Semi Steel	Plain Bore		
		275 lbs.	2.04267.53	Polyolefin	Delrin	3-7/32"	5-1/4"
			2.04267.91	Polyurethane	Delrin		
2.04267.95			Polyurethane	Ball			
300 lbs.			2.04267.12	Semi Steel	Plain Bore		
		2.04267.441	Performa	Delrin			
		2.04267.445	Performa	Ball			
		5"	250 lbs.	2.05267.561	Performa Rd.	Delrin	3-13/16"
2.05267.565				Performa Rd.	Ball		
300 lbs.			2.05267.53	Polyolefin	Delrin		
			2.05267.12	Semi Steel	Plain Bore		
			2.05267.91	Polyurethane	Delrin		
325 lbs.			2.05267.95	Polyurethane	Ball		
			2.05267.441	Performa	Delrin		
			2.05267.445	Performa	Ball		

PIPE THREAD CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- 3/8" Zerk Axles.
- NSF(National Sanitation Foundation) Approved.

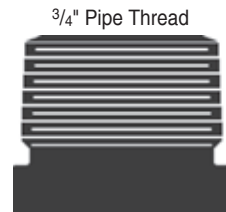


See Brake Section on
Pgs. 8 - 9.

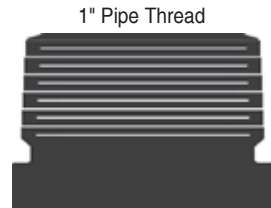


2.05053.91-T75

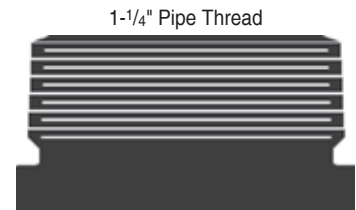
Mounting Options (Full Scale).



T75



T100



T125

The pipe stem screws directly into standard pipe couplings providing full swivel action. Pipe thread stems threads have a slight taper.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT	
2-1/2"	1-1/4"	140 lbs.	2.02253.441-(Size)	Performa	Delrin	2-13/32"	4"	
			2.02253.441-(Size)	Performa	Delrin			
		200 lbs.	2.02253.53-(Size)	Polyolefin	Delrin			
			250 lbs.	2.02253.91-(Size)	Polyurethane			Delrin
2.02253.95-(Size)		Polyurethane		Ball	2-21/32"	4-1/4"		
3"		155 lbs.	2.02253.MIR-(Size)	Mirage Rubber			Ball	
		200 lbs.	2.02253.52-(Size)	Polyolefin			Delrin	
			220 lbs.	2.02253.PLY-(Size)			Polyurethane	Ball
		3-1/2"	225 lbs.	2.02253.PPR-(Size)	Soft Rubber (gray)	Ball	2-29/32"	4-13/16"
230 lbs.			2.03253.53-(Size)	Polyolefin	Delrin			
			250 lbs.	2.03253.441-(Size)	Performa	Delrin		
				2.03253.445-(Size)	Performa	Ball		
		300 lbs.		2.03253.91-(Size)	Polyurethane	Delrin		
2.03253.95-(Size)				Polyurethane	Ball			
2.03253.12-(Size)			Semi Steel	Plain Bore	3-7/32"	5-1/4"		
4"			275 lbs.	2.04253.53-(Size)			Polyolefin	Delrin
		2.04253.91-(Size)		Polyurethane			Delrin	
		2.04253.95-(Size)		Polyurethane			Ball	
		5"	250 lbs.	2.04253.12-(Size)	Semi Steel	Plain Bore	3-13/16"	6-5/16"
2.04253.441-(Size)				Performa	Delrin			
2.04253.445-(Size)	Performa			Ball				
2.05253.561-(Size)	Performa Rd.			Delrin				
300 lbs.	2.05253.565-(Size)	Performa Rd.	Ball	3-13/16"	6-5/16"			
	2.05253.53-(Size)	Polyolefin	Delrin					
	2.05253.12-(Size)	Semi Steel	Plain Bore					
	2.05253.91-(Size)	Polyurethane	Delrin					
325 lbs.	2.05253.95-(Size)	Polyurethane	Ball	3-13/16"	6-5/16"			
	2.05253.441-(Size)	Performa	Delrin					
			2.05253.445-(Size)	Performa	Ball			

INSTITUTIONAL CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- $\frac{3}{8}$ " Zerk Axles.
- NSF(National Sanitation Foundation) Approved.



2.05251.445 (S58)



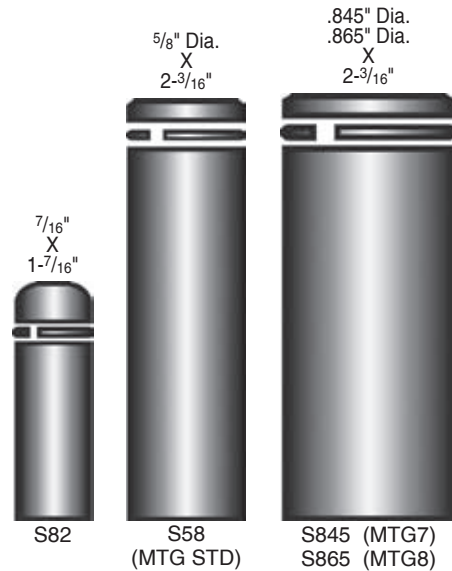
Total-Lock Brake
BRK5



Tread Lock Brake
BRK1

See Brake Section on
Pgs. 8 - 9.

Mounting Options (Full Scale).



Grip ring stems are used on equipment with tubular legs. The stems feature a spring grip at the top to securely hold the caster in place.

S58, S845, and S865 Stem Casters.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
5"	1-1/4"	250 lbs.	2.05251.561-STEM#	Performa Rd.	Delrin	3-13/16"	6-1/16"
			2.05251.565-STEM#	Performa Rd.	Ball		
		300 lbs.	2.05251.12-STEM#	Semi Steel	Plain Bore		
			2.05251.53-STEM#	Polyolefin	Delrin		
			2.05251.91-STEM#	Polyurethane	Delrin		
			2.05251.95-STEM#	Polyurethane	Ball		
		325 lbs.	2.05251.441-STEM#	Performa	Delrin		
			2.05251.445-STEM#	Performa	Ball		

S82 Stem casters.

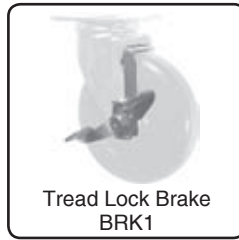
WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
3"	1-1/4"	155 lbs.	5430-11-MIR	Mirage Soft Rubber	Ball	2-5/8"	3-25/32"
		200 lbs.	5430-11-52	Polyolefin	Delrin		
		220 lbs.	5430-11-PLY	Polyurethane	Ball		
		225 lbs.	5430-11-PPR	Soft Rubber (gray)	Ball		
4"		300 lbs.	5440-11-445	Performa	Ball	3-5/32"	5-5/32"
			5440-11-441		Delrin		
		275 lbs.	5440-11-95	Polyurethane	Ball		
			5440-11-53	Polyolefin	Delrin		
5"		325 lbs.	5450-11-445	Performa	Ball	3-11/16"	5-27/32"
			5450-11-441		Delrin		
		300 lbs.	5450-11-95	Polyurethane	Ball		
			5450-11-53	Polyolefin	Delrin		

See S82 Sockets on page 17.

MISCELLANEOUS STEM CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- Nominal 1-1/4" Wheel Tread Width.
- 3/8" Zerk Axles.
- NSF(National Sanitation Foundation) Approved.

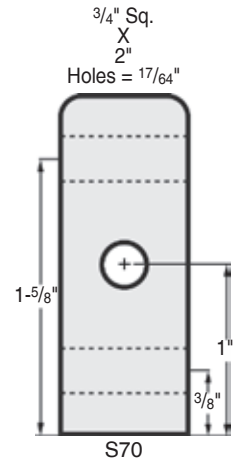
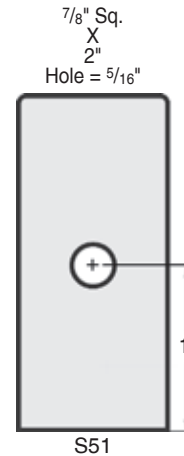
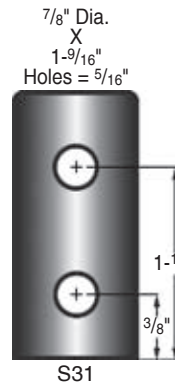


Mounting Options
(full Scale).

See Brake Section on Pgs. 8 - 9.



2.05070.561 (S70)



These stems represent some of the more popular special purpose mountings. Please call if you don't see what you need.

WHEEL DIAMETER	MOUNT CODE	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID				
4"	S70	275 lbs.	2.04270.53	-	Polyolefin	Delrin	3-7/32"	5"
			2.04270.91	-	Polyurethane	Delrin		
			2.04270.95	-	Polyurethane	Ball		
		300 lbs.	2.04270.12	-	Semi Steel	Plain Bore		
			2.04270.441	-	Performa	Delrin		
			2.04270.445	-	Performa	Ball		
5"	T222	160 lbs.	8150-22-PLY	8150R-22-PLY	Polyurethane	Ball	3-7/8"	6-15/16"
	S31	160 lbs.	8150-31-PLY	8150R-31-PLY	Polyurethane	Ball		
	S51	175 lbs.	5250-51-SR	-	Soft Rubber	Nylon	4"	6-3/16"
		250 lbs.	5250-51-PLY	-	Polyurethane	Ball		
		300 lbs.	5250-51-HDP	-	H. D. Plastic	Delrin		
	S70	250 lbs.	2.05270.561	-	Performa Rd.	Delrin	3-13/16"	6-1/16"
			2.05270.565	-	Performa Rd.	Ball		
		300 lbs.	2.05270.12	-	Semi Steel	Plain Bore		
			2.05270.53	-	Polyolefin	Delrin		
			2.05270.91	-	Polyurethane	Delrin		
			2.05270.95	-	Polyurethane	Ball		
		325 lbs.	2.05270.441	-	Performa	Delrin		
			2.05270.445	-	Performa	Ball		

INSTITUTIONAL CASTERS



Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- 3/8" Axles.



See P20
on Pg. 133
2-1/2"x3-5/8"

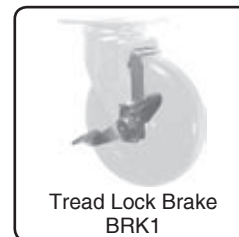
These hard working movers handle the job with a low load height and quick swivel response. Perfect for hand pushed equipment in a wide variety of industrial, institutional and commercial applications. Lo-Pro casters feature double ball bearing, heat treated raceways and a durable zinc plated finish. The bearing is Nylon with a powdered metal bushing. Brakes are available in the 3" model, add 'B3' to end of part number.

WHEEL DIAMETER	TREAD WIDTH	MOUNT CODE	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
				SWIVEL	RIGID			
2-1/2"	1-1/8"	P20	120 lbs.	2.02689.44	2.02688.44	Cushion Rubber	2-3/8"	3-5/16"
			175 lbs.	2.02689.54	2.02688.54	Hard Rubber		
3"	1-1/4"		125 lbs.	2.03689.44	2.03688.44	Cushion Rubber	2-11/16"	3-13/16"
			210 lbs.	2.03689.54	2.03688.54	Hard Rubber		

BOLT HOLE CASTERS

Features

- Zinc Plated Finish.
- Full Double Ball Hardened Raceways.
- Nominal 1-1/4" Wheel Tread Width.
- 3/8" Zerk Axles.
- NSF(National Sanitation Foundation) Approved.



See Brake Section on Pgs. 8 - 9.

These casters are designed for applications where it is convenient to use a 1/2" bolt. It also makes it ideal for unusual stem mounts that can be made to customer specifications. Double ball raceway construction and zinc plating are standard.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	WHEEL BEARING	SWIVEL RADIUS	LOAD HEIGHT
2-1/2"	1-1/4"	140 lbs.	2.02250.441	Performa	Delrin	2-13/32"	3-3/4"
		200 lbs.	2.02250.53	Polyolefin	Delrin		
3"		155 lbs.	2.02250.MIR	Mirage Rubber	Ball	2-21/32"	4"
		200 lbs.	2.02250.52	Polyolefin	Delrin		
		225 lbs.	2.02250.PPR	Soft Rubber (gray)	Ball		
3-1/2"		230 lbs.	2.03250.53	Polyolefin	Delrin	2-29/32"	4-9/16"
		250 lbs.	2.03250.441	Performa	Delrin		
			2.03250.445	Performa	Ball		
4"		275 lbs.	2.04250.53	Polyolefin	Delrin	3-7/32"	5"
			2.04250.95	Polyurethane	Ball		
		5"	300 lbs.	2.04250.445	Performa			Ball	3-13/16"	6-1/16"
2.05350.53				Polyolefin	Delrin		
2.05350.95				Polyurethane	Ball		
325 lbs.	2.05350.445		Performa	Ball			

STAINLESS STEEL

Features

- Polished Stainless Steel Finish Handles The Most Corrosive Conditions.
- Double Ball Raceways for Better Performance and Greater Durability.
- 3/8" Stainless Steel Axles.
- NSF(National Sanitation Foundation) Approved.



2.04408.444

Options

- BRK2 Tech Lock Brake (field installable).
TG2 Thread Guards.



2.04456.944

Stainless Steel offers the perfect solution to wet and corrosive environments. These casters are suitable for applications such as meat, fish and poultry plants; dairies; laundries; laboratories; food manufacturing; hospitals; bakeries; restaurants and a variety of institutions. The load capacities range up to 325 lbs. Wheel brakes are available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
3"	1-1/4"	155 lbs.	5130-01-MIR	5130R-01-MIR	Mirage Rubber	2-7/8"	4"
		220 lbs.	5130-01-PLY	5130R-01-PLY	Polyurethane Plain Bore		
		250 lbs.	5130-01-NYL	5130R-01-NYL	Nylon		
4"		250 lbs.	5140-01-PLY	5140R-01-PLY	Polyurethane Plain Bore	3-1/2"	5"
			5140-01-MIR	5140R-01-MIR	Mirage Rubber		
		275 lbs.	2.04456.544	2.04408.544	Polyolefin	3-5/16"	5-1/8"
			2.04456.944	2.04408.944	Polyurethane HI-TECH		
			2.04456.444	2.04408.444	Performa Rubber (Flat/Gray)		
		300 lbs.	5140-01-NYL	5140R-01-NYL	Nylon	3-1/2"	5"
5"		250 lbs.	5150-01-PLY	5150R-01-PLY	Polyurethane Plain Bore	4"	6"
			5150-01-MIR	5150R-01-MIR	Mirage Rubber		
			5150-01-NYL	5150R-01-NYL	Nylon		
		300 lbs.	2.05456.544	2.05408.544	Polyolefin	4-1/16"	6-3/16"
			2.05456.944	2.05408.944	Polyurethane HI-TECH		
		325 lbs.	2.05456.444	2.05408.444	Performa Rubber (Flat/Gray)		

See P20
on pg. 133
2-1/2"x3-5/8"

TRUCK DUTY CASTERS

COLSON 4 SERIES

Features

- SWIVEL DESIGN: Large, Hardened Double Ball Raceway $\frac{5}{8}$ " Kingpin.
- TOP PLATE: $\frac{1}{4}$ " Steel.
- LEGS: $\frac{1}{4}$ " Formed Steel.
- FINISH: Zinc Plate.
- NSF(National Sanitation Foundation) Approved.



4.06109.459.2

Options (See below)

- Four Position Swivel Lock.
- Sealed Swivel.
- Wheel Brake.
- Total Lock Brake.

V-Groove
Wheel

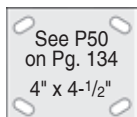


4.06108.739

Quality Colson casters are tested and rated for commercial use on your equipment. Roller bearings come standard, Delrin, Brass, or Precision ball bearings are also available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT	
			SWIVEL	RIGID				
4"	2"	400 lbs.	4.04109.459.2	4.04108.459.2	Performa Flat Black	3-9/16"	5-5/8"	
			4.04109.649.7	4.04108.649.7	Mold-on Rubber Cast Iron			
		500 lbs.	4.04109.839	4.04108.839	Polyolefin			
		560 lbs.	4.04109.949.7	4.04108.949.7	Polyurethane on Cast Iron			
		600 lbs.	4.04109.929	4.04108.929	Polyurethane HI-TECH			
		640 lbs.	4.04109.539	4.04108.539	Maxim			
		800 lbs.	4.04109.339	4.04108.339	Phenolic			
			4.04109.739	4.04108.739	V-Groove			
1,000 lbs.		4.04109.139	4.04108.139	Cast Iron				
5"		400 lbs.	4.05109.649.7	4.05108.649.7	Mold-on Rubber Cast Iron	4-1/4"	6-1/2"	
		500 lbs.	4.05109.459.2	4.05108.459.2	Performa Flat Black			
		650 lbs.	4.05109.839	4.05108.839	Polyolefin			
		750 lbs.	4.05109.929	4.05108.929	Polyurethane HI-TECH			
		800 lbs.	4.05109.949.7	4.05108.949.7	Polyurethane on Cast Iron			
		800 lbs.	4.05109.539	4.05108.539	Maxim			
			4.05109.139	4.05108.139	Cast Iron			
			4.05109.339	4.05108.339	Phenolic			
1,250 lbs.		4.05109.239	4.05108.239	Forged Steel				
6"		5"	450 lbs.	4.06109.649.7	4.06108.649.7	Mold-on Rubber Cast Iron	5"	7-1/2"
				4.06109.559	4.06108.559	Performa Round Gray		
			600 lbs.	4.06109.459.2	4.06108.459.2	Performa Flat Black		
			700 lbs.	4.06109.839	4.06108.839	Polyolefin		
			900 lbs.	4.06109.929	4.06108.929	Polyurethane HI-TECH		
			1,200 lbs.	4.06109.539	4.06108.539	Maxim		
				4.06109.949.7	4.06108.949.7	Polyurethane on Cast Iron		
				4.06109.339	4.06108.339	Phenolic		
4.06109.739				4.06108.739	V-Groove			
1,250 lbs.			4.06109.139	4.06108.139	Cast Iron			
8"			500 lbs.	4.08199.649.7	4.08198.649.7	Mold-on Rubber Cast Iron	6-1/2"	9-1/2"
			600 lbs.	4.08199.559	4.08198.559	Performa Round Gray		
		675 lbs.	4.08199.459.2	4.08198.459.2	Performa Flat Black			
		900 lbs.	4.08199.839	4.08198.839	Polyolefin			
		1,000 lbs.	4.08199.929	4.08198.929	Polyurethane HI-TECH			
			4.08199.539	4.08198.539	Maxim			
		1,250 lbs.	4.08199.949.7	4.08198.949.7	Polyurethane on Cast Iron			
			4.08199.339	4.08198.339	Phenolic			
		4.08199.139	4.08198.139	Cast Iron				

Plate Options



Standard
Plate



Plate Option
MTG 4

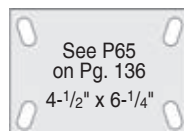
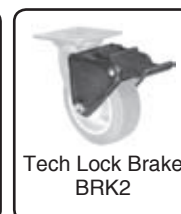


Plate Option
MTG 2



Tread Lock Brake
BRK7



Tech Lock Brake
BRK2



Total Lock Brake
BRK4

See Brakes Section on Pgs. 8 - 9.

BASSICK 'AS' SERIES

Features

- SWIVEL DESIGN: Sealed, Hardened Bearings and Races for Easier Swiveling and Long Life.
- TOP PLATE: $\frac{13}{64}$ " Steel.
- LEGS: $\frac{3}{16}$ " Formed Steel.
- FINISH: Zinc Chromate for Corrosion Resistance more than Double that of Ordinary Zinc Plate.
- NSF Approved.



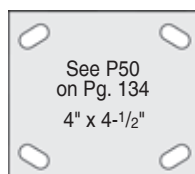
5AS3R-7

Options (See below)

- Total Lock.
- Swivel Lock.

For platform trucks, warehouse trucks, and other material handling trucks carrying up to 5,000 pounds in either hand pushed or towed applications. Swivel raceway has polymer seals that retain lubricants and exclude contaminants for a longer life and better swiveling. High quality machine welds and husky kingpin for added strength. The finish is zinc chromate for corrosion resistance over double that of ordinary zinc plate. Optional brake locks both wheel and swivel.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
5"	2"	400 lbs.	5AS-649.7	5AR-649.7	Mold-on Rubber Cast Iron	3-15/16"	6-1/2"
		650 lbs.	5AS-839	5AR-839	Polyolefin		
		1,000 lbs.	5AS-339	5AR-339	Phenolic		
			5AS-139	5AR-139	Cast Iron		
		1,250 lbs.	5AS3P-7	5AR3P-7	Polyurethane on Aluminum		
6"		450 lbs.	6AS-649.7	6AR-649.7	Mold-on Rubber Cast Iron	4-5/8"	7-1/2"
		700 lbs.	6AS-839	6AR-839	Polyolefin		
		1,200 lbs.	6AS-339	6AR-339	Phenolic		
		1,250 lbs.	6AS-139	6AR-139	Cast Iron		
			6AS3P-7	6AR3P-7	Polyurethane on Aluminum		
8"		500 LBS.	8AS-649.7	8AR-649.7	Mold-on Rubber Cast Iron	6"	9-1/2"
		900 LBS.	8AS-839	8AR-839	Polyolefin		
		1,250 lbs.	8AS3P-7	8AR3P-7	Polyurethane on Aluminum		
			8AS-339	8AR-339	Phenolic		
			8AS-139	8AR-139	Cast Iron		



Standard Plate

Optional Total Lock



See Brakes Section on Pgs. 8 - 9.

TRUCK DUTY CASTERS

RWM 48 SERIES

Features

- **SWIVEL DESIGN:** Sealed Precision Ball Bearing Swivel Race.
- **TOP PLATE:** 1/4" Steel.
- **LEGS:** 1/4" Formed Steel.
- **FINISH:** Zinc Plated.



48-GTB-0620-S

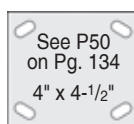
Options

- DSL Demountable Swivel Lock.
- HT High Temperature Lubrication.
- LT Low Temperature Lubrication.
- NY Notched Yoke.
- SL 4 - Position Swivel Lock.
- TG Thread Guards.
- WB Wheel Brake (Tread Lock Brake).
- WS Wheel Seals.

RWM's exclusive precision ball bearing swivel section is sealed for life, making it completely maintenance free. It is capable of extreme radial and thrust loads and offers ultra quiet operation. To designate a brake add -CWB at the end of the part number, brakes are available on swivel casters only.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	1-1/2"	1,400 lbs.	48-FSR-0415-S	48-FSR-0415-R	Forged Steel	3-3/16"	5-5/8"
		700 lbs.	48-UIR-0420-S	48-UIR-0420-R	Polyurethane on Iron		
			48-CIR-0420-S	48-CIR-0420-R	Cast Iron		
		800 lbs.	48-DUR-0420-S	48-DUR-0420-R	Phenolic (Durastan)		
			48-VIR-0420-S	48-VIR-0420-R	V-Groove Iron		
5"		1,050 lbs.	48-GTB-0420-S	48-GTB-0420-R	Ergo GT Solid Elastomer PBB	3-7/8"	6-1/2"
		800 lbs.	48-VIR-0520-S	48-VIR-0520-R	V-Groove Iron		
		1,000 lbs.	48-DUR-0520-S	48-DUR-0520-R	Phenolic (Durastan)		
			48-CIR-0520-S	48-CIR-0520-R	Cast Iron		
		1,050 lbs.	48-UIR-0520-S	48-UIR-0520-R	Polyurethane on Iron		
6"		1,200 lbs.	48-GTB-0520-S	48-GTB-0520-R	Ergo GT Solid Elastomer PBB	4-9/16"	7-1/2"
		1,500 lbs.	48-FSR-0520-S	48-FSR-0520-R	Forged Steel		
			48-UOR-0620-S	48-UOR-0620-R	Omega Polyurethane		
		1,000 lbs.	48-VIR-0620-S	48-VIR-0620-R	V-Groove Iron		
		1,200 lbs.	48-CIR-0620-S	48-CIR-0620-R	Cast Iron		
8"			48-DUR-0620-S	48-DUR-0620-R	Phenolic (Durastan)	6"	9-1/2"
		1,230 lbs.	48-UIR-0620-S	48-UIR-0620-R	Polyurethane on Iron		
		1,500 lbs.	48-GTB-0620-S	48-GTB-0620-R	Ergo GT Solid Elastomer PBB		
			48-FSR-0620-S	48-FSR-0620-R	Forged Steel		
		1,050 lbs.	48-VIR-0820-S	48-VIR-0820-R	V-Groove Iron		
		1,200 lbs.	48-UOR-0820-S	48-UOR-0820-R	Omega Polyurethane		
			48-CIR-0820-S	48-CIR-0820-R	Cast Iron		
		1,400 lbs.	48-DUR-0820-S	48-DUR-0820-R	Phenolic (Durastan)		
			48-UIR-0820-S	48-UIR-0820-R	Polyurethane on Iron		
		1,500 lbs.	48-GTB-0820-S	48-GTB-0820-R	Ergo GT Solid Elastomer PBB		

Options



Standard Plate

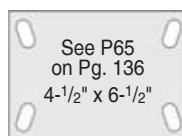


Plate Option 42



See Brakes Section on pgs. 8 - 9.

RWM 65 SERIES KINGPINLESS

Features

- **SWIVEL DESIGN:** Patented Kingpinless Single Ball Precision Machined Swivel Race Flame Hardened 2-3/8" Diameter with 3/8" Ball Bearings.
- **TOP PLATE:** 1/4" Steel.
- **LEGS:** 1/4" Formed Steel.
- **FINISH:** Zinc Plated.

See Plate and Brake Options Below.



65-FSR-0415-S

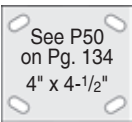
Options

- DSL Demountable Swivel Lock.
- HT High Temperature Lubrication.
- LT Low Temperature Lubrication.
- SL 4 - Position Swivel Lock.
- SR Sealed Swivel.
- TG Thread Guards.
- WB Wheel Brake.
- WS Wheel Seals.

Incorporating its unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth, hardened raceway. These casters offer improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity. Roller bearings standard, Delrin, Brass, or Precision ball bearings available.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	1-1/2"	1,400 lbs.	65-FSR-0415-S	65-FSR-0415-R	Forged Steel	3-3/16"	5-5/8"
		700 lbs.	65-UIR-0420-S	65-UIR-0420-R	Polyurethane on Iron		
		800 lbs.	65-CIR-0420-S	65-CIR-0420-R	Cast Iron		
			65-DUR-0420-S	65-DUR-0420-R	Phenolic (Durastan)		
			65-VIR-0420-S	65-VIR-0420-R	V-Groove Iron		
5"	2"	1,050 lbs.	65-GTB-0420-S	65-GTB-0420-R	Ergo GT Solid Elastomer PBB	3-7/8"	6-1/2"
		800 lbs.	65-VIR-0520-S	65-VIR-0520-R	V-Groove Iron		
		1,000 lbs.	65-DUR-0520-S	65-DUR-0520-R	Phenolic (Durastan)		
		1,050 lbs.	65-CIR-0520-S	65-CIR-0520-R	Cast Iron		
			65-UIR-0520-S	65-UIR-0520-R	Polyurethane on Iron		
6"	2"	1,200 lbs.	65-GTB-0520-S	65-GTB-0520-R	Ergo GT Solid Elastomer PBB	4-9/16"	7-1/2"
		1,500 lbs.	65-FSR-0520-S	65-FSR-0520-R	Forged Steel		
		1,000 lbs.	65-UOR-0620-S	65-UOR-0620-R	Omega Polyurethane		
			65-VIR-0620-S	65-VIR-0620-R	V-Groove Iron		
		1,200 lbs.	65-CIR-0620-S	65-CIR-0620-R	Cast Iron		
8"	2"	1,230 lbs.	65-DUR-0620-S	65-DUR-0620-R	Phenolic (Durastan)	6-1/4"	9-1/2"
			65-UIR-0620-S	65-UIR-0620-R	Polyurethane on Iron		
		1,500 lbs.	65-GTB-0620-S	65-GTB-0620-R	Ergo GT Solid Elastomer PBB		
		1,800 lbs.	65-FSR-0620-S	65-FSR-0620-R	Forged Steel		
		1,050 lbs.	65-VIR-0820-S	65-VIR-0820-R	V-Groove Iron		
		1,200 lbs.	65-UOR-0820-S	65-UOR-0820-R	Omega Polyurethane	6-1/4"	9-1/2"
		1,400 lbs.	65-CIR-0820-S	65-CIR-0820-R	Cast Iron		
			65-DUR-0820-S	65-DUR-0820-R	Phenolic (Durastan)		
		1,500 lbs.	65-UIR-0820-S	65-UIR-0820-R	Polyurethane on Iron		
		1,800 lbs.	65-GTB-0820-S	65-GTB-0820-R	Ergo GT Solid Elastomer PBB		

Options



Standard Plate



Plate Option 41

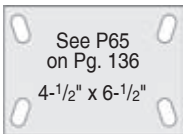


Plate Option 42

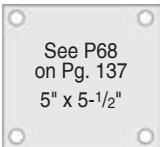


Plate Option 43



See Brakes Section on pgs. 8 - 9.

TRUCK DUTY CASTERS

PNEUMATIC CASTERS

Features

- **SWIVEL DESIGN:** Large, Hardened Double Ball Raceway.
- **TOP PLATE:** 1/4" Steel.
- **LEGS:** 1/4" Formed Steel.
- **FINISH:** Zinc Plate.



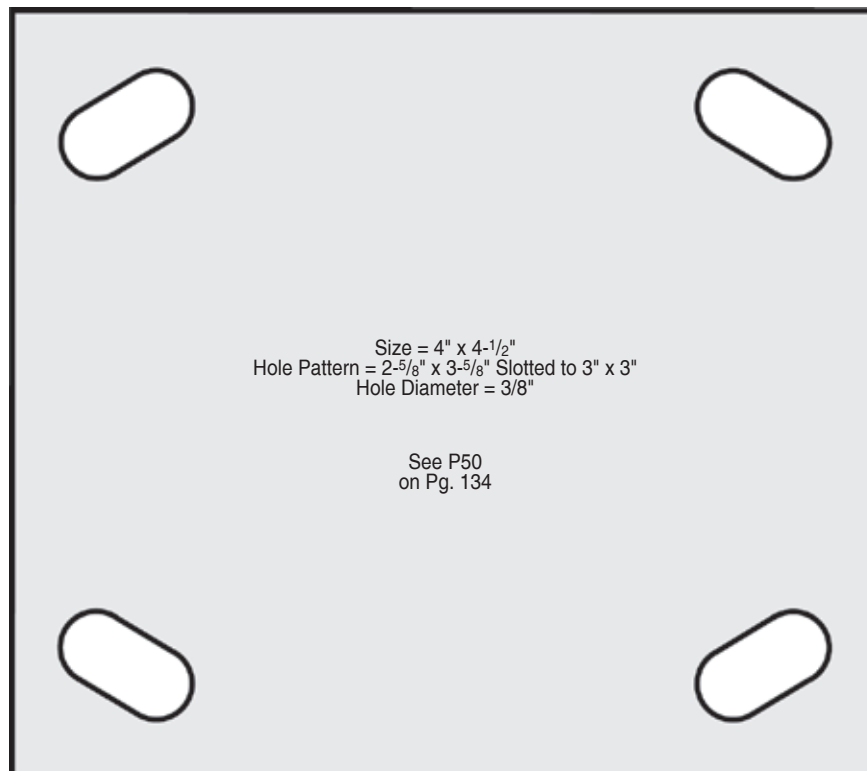
4.08119.93-BLK



4.08118.93-BLK

These low speed (3 m.p.h. Max.) casters provide the same air ride as your car tires. On rough surfaces and in sand or dirt these casters provide flotation and absorb shock better than any other model. Available with non-marking gray wheel.

WHEEL DIAMETER	DYNAMIC LOAD	TIRE SIZE	PLY RATING	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
				SWIVEL	RIGID			
8"	300 lbs.	280/250	4	4.08119.93-BLK	4.08118.93-BLK	Black Rubber	6-3/4"	10"
				4.08119.93-GRY	4.08118.93-GRY	Gray Rubber		
10"	350 lbs.	410/350		4.10119.93-BLK	4.10118.93-BLK	Black Rubber	7-3/4"	12"
				4.10119.93-GRY	4.10118.93-GRY	Gray Rubber		



STAINLESS STEEL RIGS

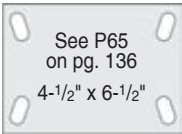
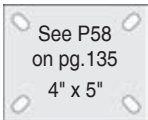
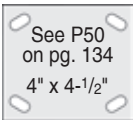


Rigs shown with typical Wheels

Stainless Steel offers the perfect solution to wet and corrosive environments. These rigs are suitable for applications such as meat, fish and poultry plants; dairies; laundries; laboratories; food manufacturing; hospitals; bakeries; restaurants and a variety of institutions. The load capacities range from 270 lbs. to 3,100 lbs. each and a temperature range of -45°F to +525°F.. See below for plate Options and typical wheels used in these rigs.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		PLATES	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
4"	2"	1,000 lbs.	4.04109 SS	4.04108 SS	P50	3-9/16"	5-5/8"
		1,050 lbs.	S65-0420-S	S65-0420-R	P50, P58, P65, P68	3-9/32"	
5"		1,000 lbs.	4.05109 SS	4.05108 SS	P50	4-1/4"	6-1/2"
		1,050 lbs.	S65-0520-S	S65-0520-R	P50, P58, P65, P68	3-15/16"	
6"		1,200 lbs.	4.06109 SS	4.06108 SS	P50	5"	7-1/2"
			S65-0620-S	S65-0620-R	P50, P58, P65, P68	4-21/32"	
	2-1/2"	2,300 lbs.	S75-0625-S	S75-0625-R	P65	4-3/8"	
	3"	2,500 lbs.	S75-0630-S	S75-0630-R	P65		
8"	2"	1,200 lbs.	S65-0820-S	S65-0820-R	P50, P58, P65, P68	6-3/8"	9-1/2"
		1,250 lbs.	4.08199 SS	4.08198 SS	P50	6-1/2"	
	2-1/2"	2,400 lbs.	S75-0825-S	S75-0825-R	P65	6-3/32"	10-1/8"
		3"	3,100 lbs.	S75-0830-S	S75-0830-R		

Plates



Wheels



Nylon
Delrin or Sealed
Roller Bearing
See pg. 63.



Maxim
Glass Filled Nylon
High Temp.
Brass Bearing
See pg. 62.



Polyolefin
Delrin or Sealed
Roller Bearing
See pg. 63.



Performa
Delrin or Sealed
Roller Bearing
See pg. 60.



Thermo Resin
Plain Bore
See pg. 65.



Polyurethane
Delrin or Sealed
Roller Bearing
See pg. 67.



Solid Elastomer
Precision Ball
Bearing
See pg. 62.

COLD FORGED CASTER RIGS

RWM's 46 series are manufactured from hot rolled pickled steel designated C1015. This steel has a higher tensile strength than the steel used in stamped casters. The cold forging process applies enough force to the parts to cause the molecules of metal to flow to points of greater strength. The cold forging process also refines the grain structure of the steel to produce deep smooth coined ball races which do not require machining.

While cold forging hardens the raceway to a certain extent, To provide greater strength, RWM case hardens all raceways of our cold forged casters. This process provides longer wearing and easier swiveling casters.

Cold forging provides a caster with strength and economy in a single product. The strength and endurance of the cold forged casters approach that of a hot forged caster. Due to their strength, the cold forged casters are used for many applications which hot forged casters were formerly required.

HOT FORGED CASTERS

RWM's 95 series is a hot forged caster. The hot forged caster design does provide some advantages over cold forged casters when they are built right. Hot forged casters are manufactured from medium carbon steel known as C1045. The increased carbon in this steel causes the metal to be harder, gives it greater tensile strength, and enables the metal to be subjected to heat hardening processes.

The advantages of hot forging are that a stronger steel can be forged into the desired shape, deeper parts can be formed, and the grain structure of the metal can be controlled to flow in the desired direction to give optimum strength to the parts.

The disadvantages of the hot forging process are that close tolerances cannot be obtained and smooth finishes cannot be controlled unless the parts are machined. Additionally, the machined parts are of no advantage over cold forged parts unless they are hardened. RWM flame hardens its hot forged caster ball raceways which gives the raceways longer wearing characteristics and still leaves the forged metal in a tough state without stress risers. The hardness of hot forged flame hardened raceways is 550 Brinell vs. 500 Brinell of cold forged raceways.

PROBLEMS WITH STANDARD KINGPIN CASTERS

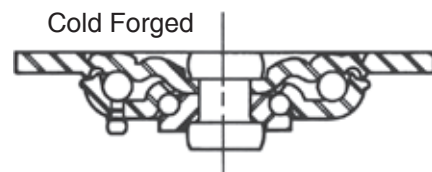
In most industrial applications, the probability exists that in normal operation the castered equipment will have to pass over cracks in the floor, door sills, elevator entrances, and other floor obstructions. The angle and force at which a caster strikes an obstruction will have a definite effect upon the wear and durability of the caster rig.

Factors which contribute to metal fatigue and failure are weight, speed, and obstructions. The higher these factors become, the stronger the caster must be to give a reasonable service life. Unfortunately, kingpin-style casters eventually fail in the above conditions.

HOW FAILURE OCCURS

There are two forces that continually act upon the caster. The direct force and the thrust force. These forces increase several times in magnitude whenever the caster receives a shock by hitting an object such as a door sill or by movement over a broken concrete surface. When this occurs, practically the entire load is supported on the rear portion of the bearing due to the lead or offset built into the caster. Less than five steel balls in each race, the load and thrust race, carry the entire load. The thrust forces transmitted to the caster try to rip off the yoke in the counterclockwise direction. The rivet is the only thing that keeps the yoke intact with the top plate. The thrust force is transmitted to the front part of the kingpin. Again, one small area must do all the work. **Overstressing results in the failure of the kingpin** or bending of the metal around the kingpin to the point where the caster is no longer usable.

These problems occur with all kingpin-style casters eventually. Not only those made by RWM, but by our competitors as well.



SOLVING KINGPIN FAILURES WITH RWM'S UNIQUE KINGPINLESS DESIGN

RWM provides a series of casters, our 65 through 125 series that are different than any other caster on the market today. These casters are Kingpinless™. The major factors that differentiates the Kingpinless™ casters from all the other casters is, it has no kingpin. A cross-sectional view of the RWM Kingpinless casters is shown below. The illustrations show the bearing construction of each raceway. The illustrations also show RWM's patented raceway design.

The single row of balls perform a multiple function. They act as (1) the load carrying bearing, (2) the thrust bearing, and (3) they maintain the yoke in tight rolling contact with the inner race and top plate.

KINGPINLESS CONSTRUCTION

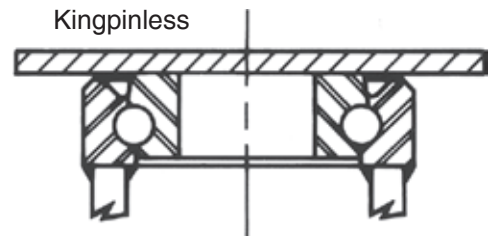
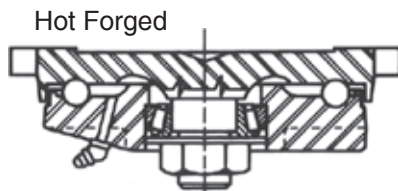
The raceway is machined from bar stock steel with RWM's patented offset raceway configuration. This eliminates any condition of the balls having point contact with the raceways and therefore, avoids ball indentation (brinelling) to the raceways. The large load bearing diameters eliminate the need for heavy forged construction. In addition, the raceways are completely case hardened to further extend the life of the caster, a process many manufacturers choose to skip in order to cut costs. The rig consists of three main parts: the top plate, the inside race, and the outside race/yoke. The minimum number of parts allows for simplified assembly procedures, and greater flexibility in size configurations. Also, there are fewer parts to wear out in the kingpinless design as compared to kingpin-style casters.

Why it's a Superior design

In direct static loading, as a load is placed on the caster, the forces are initially transmitted to the rearward balls. Due to the fact that the balls ride on an incline, they tend to climb up the incline. This pulls the yoke to the rear of the caster. As this occurs, part of the load is transmitted around the bearing to the front of the caster. This gives distribution of the load over the entire swivel bearing instead of just on the rear balls. When thrust forces occur as when the caster is swiveled or hits an obstruction, these forces will push the yoke backwards in an attempt to rotate the yoke. The yoke is pulled down on the front part of the bearing and pushed up in the back. In this way the thrust is distributed over the entire bearing.

Benefits of kingpinless design

- Reduction in caster failure.
- Greater caster service life.
- Easier swivel motion.
- Eliminates kingpin tightening and maintenance.
- Reduces caster shimmy and shake.



HEAVY DUTY CASTERS

RWM 75 SERIES

Features

- **SWIVEL DESIGN:** Patented Kingpinless Single Ball Precision Machined Raceway Hardened to 50 Rockwell 'C'. Swivel Section Features a 3" diameter Raceway with 1/2" Ball Bearings.
- **TOP PLATE:** 5/16" Steel.
- **LEGS:** 5/16" formed Steel.
- **FINISH:** Laguna Blue Paint.
- **AXLE:** 3/4" Bolt and Lock Nut.

Options

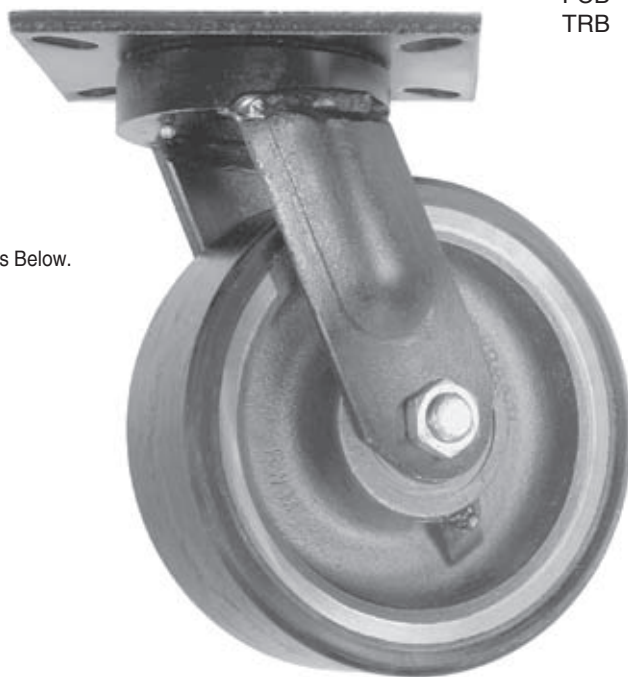
DSL	Demountable Swivel Lock.
HT	High Temperature Lubrication.
IRS	Inner Race Seal.
LT	Low Temperature Lubrication.
NY	Notched Yoke.
SL	4 - Position Swivel Lock.
SR	Sealed Swivel.
TG	Thread Guards.
WB	Wheel Brake.
WS	Wheel Seals.
ZP	Zinc Plated.
FCB	Face Cam Brake.
TRB	Tapered Roller Bearings.

See Mounting Options Below.



FCB Cam Brake

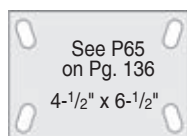
See Brakes Section on pgs. 8 - 9.



75-UIR-0825-S

Incorporating its unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth and hardened raceway. This series of casters offers improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity.

Mounting Options



Standard
Plate

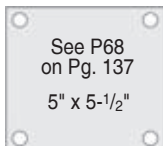


Plate Option
43

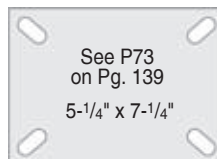


Plate Option
76

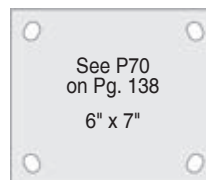


Plate Option
90

RWM 75 SERIES

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
5"	2-1/2"	2,000 lbs.	75-CIR-0525-S	75-CIR-0525-R	Cast Iron . Roller Bearing	3-5/8"	6-1/2"
6"	2-1/2"	1,600 lbs.	75-DUR-0625-S	75-DUR-0625-R	Durastan (Phenolic)	4-5/16"	7-1/2"
		1,620 lbs.	75-UIR-0625-S	75-UIR-0625-R	Polyurethane on Iron		
		1,800 lbs.	75-CIR-0625-S	75-CIR-0625-R	Cast Iron . Roller Bearing		
		2,300 lbs.	75-GTB-0625-S	75-GTB-0625-R	Ergo GT (Solid Elastomer) PBB*		
		2,500 lbs.	75-VIR-0625-S	75-VIR-0625-R	V-Groove Iron		
		5,000 lbs.	75-FSR-0625-S	75-FSR-0625-R	Forged Steel		
	3"	2,000 lbs.	75-DUR-0630-S	75-DUR-0630-R	Durastan (Phenolic)		
			75-UIR-0630-S	75-UIR-0630-R	Polyurethane on Iron		
		3,000 lbs.	75-CIR-0630-S	75-CIR-0630-R	Cast Iron		
		6,000 lbs.	75-VFR-0630-S	75-VFR-0630-R	V-Groove Forged		
8"	2-1/2"	1,800 lbs.	75-UIR-0825-S	75-UIR-0825-R	Polyurethane on Iron	6"	10-1/8"
		2,000 lbs.	75-DUR-0825-S	75-DUR-0825-R	Durastan (Phenolic)		
			75-CIR-0825-S	75-CIR-0825-R	Cast Iron		
		2,400 lbs.	75-GTB-0825-S	75-GTB-0825-R	Ergo GT (Solid Elastomer) PBB*		
		3,000 lbs.	75-VIR-0825-S	75-VIR-0825-R	V-Groove Iron		
	3"	4,500 lbs.	75-FSR-0825-S	75-FSR-0825-R	Forged Steel		
		1,600 lbs.	75-UOR-0830-S	75-UOR-0830-R	Omega Polyurethane		
			75-DUR-0830-S	75-DUR-0830-R	Durastan (Phenolic)		
		2,500 lbs.	75-UIR-0830-S	75-UIR-0830-R	Polyurethane on Iron		
			75-CIR-0830-S	75-CIR-0830-R	Cast Iron		
		5,000 lbs.	75-VIR-0830-S	75-VIR-0830-R	V-Groove Iron		
		5,500 lbs.	75-FSR-0830-S	75-FSR-0830-R	Forged Steel		
10"	2-1/2"	6,000 lbs.	75-VFR-0830-S	75-VFR-0830-R	V-Groove Forged		
		2,370 lbs.	75-UIR-1025-S	75-UIR-1025-R	Polyurethane on Iron	7-3/16"	11-1/2"
		2,500 lbs.	75-DUR-1025-S	75-DUR-1025-R	Durastan (Phenolic)		
	3"	3,000 lbs.	75-CIR-1025-S	75-CIR-1025-R	Cast Iron		
		2,000 lbs.	75-UOR-1030-S	75-UOR-1030-R	Omega Polyurethane		
		2,900 lbs.	75-DUR-1030-S	75-DUR-1030-R	Durastan (Phenolic)		
		3,000 lbs.	75-UIR-1030-S	75-UIR-1030-R	Polyurethane on Iron		
		3,400 lbs.	75-GTB-1030-S	75-GTB-1030-R	Ergo GT (Solid Elastomer) PBB*		
		4,000 lbs.	75-CIR-1030-S	75-CIR-1030-R	Cast Iron		
		5,000 lbs.	75-VIR-1030-S	75-VIR-1030-R	V-Groove Iron		
		6,000 lbs.	75-VFR-1030-S	75-VFR-1030-R	V-Groove Forged		
12"	2-1/2"		75-FSR-1030-S	75-FSR-1030-R	Forged Steel		
		2,700 lbs.	75-UIR-1225-S	75-UIR-1225-R	Polyurethane on Iron	8-5/8"	13-1/2"
	3"	3,000 lbs.	75-DUR-1225-S	75-DUR-1225-R	Durastan (Phenolic)		
		3,400 lbs.	75-UIR-1230-S	75-UIR-1230-R	Polyurethane on Iron		
		3,500 lbs.	75-DUR-1230-S	75-DUR-1230-R	Durastan (Phenolic)		
		4,100 lbs.	75-UTR-1230-S	75-UTR-1230-R	Ultra Thick Polyurethane on Iron		
		5,000 lbs.	75-CIR-1230-S	75-CIR-1230-R	Cast Iron		
		6,000 lbs.	75-VIR-1230-S	75-VIR-1230-R	V-Groove Iron		

* Precision Ball Bearing

HEAVY DUTY CASTERS

RWM 76 SERIES

Features

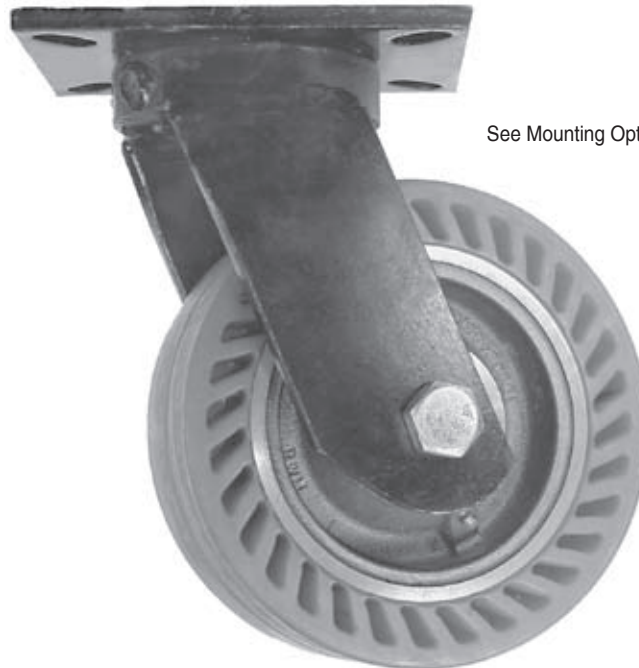
- **SWIVEL DESIGN:** Patented Kingpinless Single Ball Bearing Precision Machined Raceway Hardened to 50 Rockwell 'C'. Swivel Section Features a 3" Diameter Raceway with 1/2" Ball Bearings.
- **TOP PLATE:** 3/8" Steel.
- **LEGS:** 3/8" Steel.
- **FINISH:** Laguna Blue Paint.
- **AXLE:** 3/4" Bolt and Locking Nut.

Options

DSL	Demountable Swivel Lock.
HT	High Temperature Lubrication.
LT	Low Temperature Lubrication.
SL	4 - Position Swivel Lock.
PCWB	Poly Cam Wheel Brake.
WS	Wheel Seals.
ZP	Zinc Plated.
TRB	Tapered Roller Bearings.



See Brake Section
on Pgs. 8 - 9.

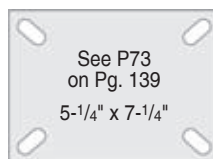


See Mounting Options Below.

76-UOR-0830-S

Incorporating RWM's unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth and hardened raceway. This series of casters offers improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity. Roller bearings are standard, see page 6 to determine the best bearing for your application.

Mounting Options



Standard
Plate

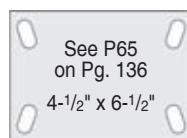


Plate Option
75

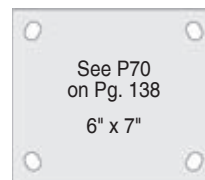


Plate Option
90

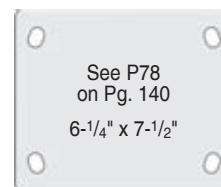


Plate Option
95

RWM 76 Series

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
5"	2-1/2"	2,000 lbs.	76-CIR-0525-S	76-CIR-0525-R	Cast Iron	4-1/2"	7"
6"	2-1/2"	1,600 lbs.	76-DUR-0625-S	76-DUR-0625-R	Durastan (Phenolic)	5-7/32"	8"
		1,620 lbs.	76-UIR-0625-S	76-UIR-0625-R	Polyurethane on Iron		
		1,800 lbs.	76-CIR-0625-S	76-CIR-0625-R	Cast Iron		
		2,300 lbs.	76-GTB-0625-S	76-GTB-0625-R	Ergo GT (Solid Elastomer) PBB*		
		2,500 lbs.	76-VIR-0625-S	76-VIR-0625-R	V-Groove Iron		
		5,000 lbs.	76-FSR-0625-S	76-FSR-0625-R	Forged Steel		
	3"	2,000 lbs.	76-DUR-0630-S	76-DUR-0630-R	Durastan (Phenolic)		
			76-UIR-0630-S	76-UIR-0630-R	Polyurethane on Iron		
		3,000 lbs.	76-CIR-0630-S	76-CIR-0630-R	Cast Iron		
		7,000 lbs.	76-FSR-0630-S	76-FSR-0630-R	Forged Steel		
8"	2-1/2"		76-DUR-0825-S	76-DUR-0825-R	Durastan (Phenolic)	6-29/32"	10-1/2"
			76-UIR-0825-S	76-UIR-0825-R	Polyurethane on Iron		
		2,000 lbs.	76-CIR-0825-S	76-CIR-0825-R	Cast Iron		
		2,400 lbs.	76-GTB-0825-S	76-GTB-0825-R	Ergo GT (Solid Elastomer) PBB*		
		3,000 lbs.	76-VIR-0825-S	76-VIR-0825-R	V-Groove Iron		
		4,500 lbs.	76-FSR-0825-S	76-FSR-0825-R	Forged Steel		
	3"	1,600 lbs.	76-UOR-0830-S	76-UOR-0830-R	Omega Polyurethane		
		2,500 lbs.	76-DUR-0830-S	76-DUR-0830-R	Durastan (Phenolic)		
			76-UIR-0830-S	76-UIR-0830-R	Polyurethane on Iron		
		3,000 lbs.	76-CIR-0830-S	76-CIR-0830-R	Cast Iron		
		5,000 lbs.	76-VIR-0830-S	76-VIR-0830-R	V-Groove Iron		
		5,500 lbs.	76-FSR-0830-S	76-FSR-0830-R	Forged Steel		
10"	2-1/2"	2,370 lbs.	76-UIR-1025-S	76-UIR-1025-R	Polyurethane on Iron	8-3/8"	12-1/2"
			76-DUR-1025-S	76-DUR-1025-R	Durastan (Phenolic)		
		2,500 lbs.	76-CIR-1025-S	76-CIR-1025-R	Cast Iron		
	3"	1,500 lbs.	76-RIR-1030-S	76-RIR-1030-R	Rubber on Iron		
		2,000 lbs.	76-UOR-1030-S	76-UOR-1030-R	Omega Polyurethane		
		2,900 lbs.	76-DUR-1030-S	76-DUR-1030-R	Durastan (Phenolic)		
		3,000 lbs.	76-UIR-1030-S	76-UIR-1030-R	Polyurethane on Iron		
		3,400 lbs.	76-GTB-1030-S	76-GTB-1030-R	Ergo GT (Solid Elastomer) PBB*		
		4,000 lbs.	76-CIR-1030-S	76-CIR-1030-R	Cast Iron		
		5,000 lbs.	76-VIR-1030-S	76-VIR-1030-R	V-Groove Iron		
		6,000 lbs.	76-VFR-1030-S	76-VFR-1030-R	V-Groove Forged		
			76-FSR-1030-S	76-FSR-1030-R	Forged Steel		
12"	2-1/2"	2,700 lbs.	76-UIR-1225-S	76-UIR-1225-R	Polyurethane on Iron	10-5/16"	15-1/2"
		3,000 lbs.	76-DUR-1225-S	76-DUR-1225-R	Durastan (Phenolic)		
	3"	3,400 lbs.	76-UIR-1230-S	76-UIR-1230-R	Polyurethane on Iron		
		3,500 lbs.	76-DUR-1230-S	76-DUR-1230-R	Durastan (Phenolic)		
		4,100 lbs.	76-UTR-1230-S	76-UTR-1230-R	Ultra Thick Polyurethane on Iron		
		5,000 lbs.	76-CIR-1230-S	76-CIR-1230-R	Cast Iron		
		6,000 lbs.	76-VIR-1230-S	76-VIR-1230-R	V-Groove Iron		

* Precision Ball Bearing.

HEAVY DUTY CASTERS

RWM 95 SERIES

Features

- **SWIVEL DESIGN:** Patented Kingpinless Single Ball Bearing Precision Machined Raceway Hardened to 50 Rockwell 'C'. Swivel Section Features a 4-1/2" Diameter Raceway with 3/4" Ball Bearings.
- **TOP PLATE:** 1/2" Steel - SAE 1045 Hot Steel Forging.
- **LEGS:** 3/8" Steel - Double Welded.
- **FINISH:** Laguna Blue Paint.
- **AXLE:** 3/4", 1" or 1-1/4" Bolt and Locking Nut.

Options

DSL	Demountable Swivel Lock.
HDSL	Heavy Duty Threaded Swivel Lock.
HT	High Temperature Lubrication.
LT	Low Temperature Lubrication.
NY	Notched Yoke.
SL	4 - Position Swivel Lock.
PCWB	Poly Cam Wheel Brake.
WS	Wheel Seals.
ZP	Zinc Plated.



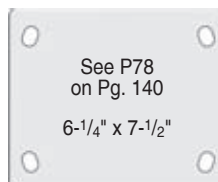
95-UIR-0840-S



PCWB Cam Brake

See Brake Section
on Pgs. 8 - 9.

Incorporating RWM's unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth and hardened raceway. This series of casters offers improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity. Roller bearings are standard, see page 6 to determine the best bearing for your application.



RWM 95 SERIES

Wheel Diameter	Tread Width	Dynamic Load	Part Number		Wheel Material	Swivel Radius	Load Height	
			Swivel	Rigid				
6"	2-1/2"	5,000 lbs.	95-FSR-0625-S	95-FSR-0625-R	Forged Steel	4-3/4"	8-1/2"	
	3"	2,000 lbs.	95-DUR-0630-S	95-DUR-0630-R	Durastan (Phenolic)			
			95-UIR-0630-S	95-UIR-0630-R	Polyurethane on Iron			
		3,000 lbs.	95-CIR-0630-S	95-CIR-0630-R	Cast Iron			
		7,000 lbs.	95-FSR-0630-S	95-FSR-0630-R	Forged Steel			
		95-VFR-0630-S	95-VFR-0630-R	V-Groove Forged				
8"	2-1/2"	3,000 lbs.	95-VIR-0825-S	95-VIR-0825-R	V-Groove Iron	6-3/16"	10-1/2"	
		4,500 lbs.	95-FSR-0825-S	95-FSR-0825-R	Forged Steel			
	3"	1,600 lbs.	95-UOR-0830-S	95-UOR-0830-R	Omega Polyurethane			
			95-DUR-0830-S	95-DUR-0830-R	Durastan (Phenolic)			
			95-UIR-0830-S	95-UIR-0830-R	Polyurethane on Iron			
		3,000 lbs.	95-CIR-0830-S	95-CIR-0830-R	Cast Iron			
		5,000 lbs.	95-VIR-0830-S	95-VIR-0830-R	V-Groove Iron			
		5,500 lbs.	95-FSR-0830-S	95-FSR-0830-R	Forged Steel			
		6,000 lbs.	95-VFR-0830-S	95-VFR-0830-R	V-Groove Forged			
		9,000 lbs.	95-NYB-0830-S	95-NYB-0830-R	Nylatron HD PBB			
	4"	3,500 lbs.	95-UIR-0840-S	95-UIR-0840-R	Polyurethane on Iron			
		4,000 lbs.	95-CIR-0840-S	95-CIR-0840-R	Cast Iron			
		10,000 lbs.	95-FSR-0840-S	95-FSR-0840-R	Forged Steel			
10"	3"	2,000 lbs.	95-UOR-1030-S	95-UOR-1030-R	Omega Polyurethane	7-3/16"	12-1/2"	
		2,900 lbs.	95-DUR-1030-S	95-DUR-1030-R	Durastan (Phenolic)			
		3,000 lbs.	95-UIR-1030-S	95-UIR-1030-R	Polyurethane on Iron			
		4,000 lbs.	95-CIR-1030-S	95-CIR-1030-R	Cast Iron			
		5,000 lbs.	95-VIR-1030-S	95-VIR-1030-R	V-Groove Iron			
		6,000 lbs.	95-FSR-1030-S	95-FSR-1030-R	Forged Steel			
			95-VFR-1030-S	95-VFR-1030-R	V-Groove Forged			
		10,000 lbs.	95-NYB-1030-S	95-NYB-1030-R	Nylatron HD PBB			
	4"	4,200 lbs.	95-UIR-1040-S	95-UIR-1040-R	Polyurethane on Iron	7-7/16"		
		4,500 lbs.	95-UTR-1040-S	95-UTR-1040-R	Ultra Thick Polyurethane			
		10,000 lbs.	95-FSR-1040-S	95-FSR-1040-R	Forged Steel			
	5"	5,000 lbs.	95-UIR-1050-S	95-UIR-1050-R	Polyurethane on Iron	7-5/8"		
	12"	3"	3,400 lbs.	95-UIR-1230-S	95-UIR-1230-R	Polyurethane on Iron		9-5/8"	15-1/2"
3,500 lbs.			95-DUR-1230-S	95-DUR-1230-R	Durastan (Phenolic)			
4,100 lbs.			95-UTR-1230-S	95-UTR-1230-R	Ultra Thick Polyurethane			
5,000 lbs.			95-CIR-1230-S	95-CIR-1230-R	Cast Iron			
6,000 lbs.			95-VIR-1230-S	95-VIR-1230-R	V-Groove Iron			
4"		4,800 lbs.	95-UIR-1240-S	95-UIR-1240-R	Polyurethane on Iron			
		5,300 lbs.	95-UTR-1240-S	95-UTR-1240-R	Ultra Thick Polyurethane			
5"		6,000 lbs.	95-UIR-1250-S	95-UIR-1250-R	Polyurethane on Iron			
		6,500 lbs.	95-UTR-1250-S	95-UTR-1250-R	Ultra Thick Polyurethane			

HEAVY DUTY CASTERS

RWM 125 SERIES

Features

- **SWIVEL DESIGN:** Patented Kingpinless Single Ball Precision Machined Raceway Hardened to 50 Rockwell 'C'. Swivel Section Features a 7" Diameter Raceway with $\frac{3}{4}$ " Ball Bearings.
- **TOP PLATE:** $\frac{1}{2}$ " Steel.
- **LEGS:** $\frac{1}{2}$ " Steel - Double Welded.
- **FINISH:** Laguna Blue Paint.

See Mounting Options Below .



125-UTR-1040-S

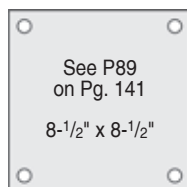
Options

DSL	Demountable Swivel Lock.
HDSL	Heavy Duty Swivel Lock.
HT	High Temperature Lubrication.
LT	Low Temperature Lubrication.
NY	Notched Yoke.
SL	4 - Position Swivel Lock.
SR	Sealed Swivel Raceway.
TRB	Tapered Roller Bearing.
PCWB	Poly Cam Wheel Brake.
WB	Wheel Brake.
WS	Wheel Seals.

Incorporating RWM's unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth and hardened raceway. This series of casters offers improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity. Roller bearings are standard, see page 6 to determine the best bearing for your application.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER		WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			SWIVEL	RIGID			
8"	4"	3,500 lbs.	125-UIR-0840-S	125-UIR-0840-R	Ultra Thick Polyurethane	6- $\frac{3}{16}$ "	11"
		4,000 lbs.	125-CIR-0840-S	125-CIR-0840-R	Cast Iron		
		10,000 lbs.	125-VFR-0840-S	125-VFR-0840-R	V-Groove Forged		
			125-FSR-0840-S	125-FSR-0840-R	Forged Steel		
10"	4"	4,200 lbs.	125-UIR-1040-S	125-UIR-1040-R	Polyurethane on Iron	7- $\frac{9}{16}$ "	13"
		4,500 lbs.	125-UTR-1040-S	125-UTR-1040-R	Ultra Thick Polyurethane		
		5,000 lbs.	125-CIR-1040-S	125-CIR-1040-R	Cast Iron		
		10,000 lbs.	125-FSR-1040-S	125-FSR-1040-R	Forged Steel		
			125-VFR-1040-S	125-VFR-1040-R	V-Groove Forged		
	5"	5,000 lbs.	125-UIR-1050-S	125-UIR-1050-R	Polyurethane on Iron		
		6,000 lbs.	125-CIR-1050-S	125-CIR-1050-R	Cast Iron		
		5,500 lbs.	125-UIR-1150-S	125-UIR-1150-R	Polyurethane on Iron	8- $\frac{1}{8}$ "	
			125-CIR-1160-S	125-CIR-1160-R	Cast Iron	8- $\frac{1}{4}$ "	
12"	4"	4,800 lbs.	125-UIR-1240-S	125-UIR-1240-R	Polyurethane on Iron	9- $\frac{3}{8}$ "	15- $\frac{1}{2}$ "
		5,300 lbs.	125-UTR-1240-S	125-UTR-1240-R	Ultra Thick Polyurethane		
	5"	6,000 lbs.	125-UIR-1250-S	125-UIR-1250-R	Polyurethane on Iron		
		6,500 lbs.	125-UTR-1250-S	125-UTR-1250-R	Ultra Thick Polyurethane		
	6"	7,500 lbs.	125-UIR-1260-S	125-UIR-1260-R	Polyurethane on Iron		
		10,000 lbs.	125-CIR-1260-S	125-CIR-1260-R	Cast Iron		
			125-UTR-1440-S	125-UTR-1440-R	Ultra Thick Polyurethane		
			125-UTR-1450-S	125-UTR-1450-R	Ultra Thick Polyurethane		
14"	4"	6,200 lbs.	125-UTR-1440-S	125-UTR-1440-R	Ultra Thick Polyurethane	10- $\frac{11}{16}$ "	18"
	5"	7,600 lbs.	125-UTR-1450-S	125-UTR-1450-R	Ultra Thick Polyurethane		
	6"	9,000 lbs.	125-UTR-1460-S	125-UTR-1460-R	Ultra Thick Polyurethane		
16"	4"	6,000 lbs.	125-UIR-1640-S	125-UIR-1640-R	Polyurethane on Iron	11- $\frac{17}{32}$ "	19"
		7,100 lbs.	125-UTR-1640-S	125-UTR-1640-R	Ultra Thick Polyurethane		
	5"	8,400 lbs.	125-UIR-1650-S	125-UIR-1650-R	Polyurethane on Iron		
		8,800 lbs.	125-UTR-1650-S	125-UTR-1650-R	Ultra Thick Polyurethane		

Mounting Options



Standard Plate

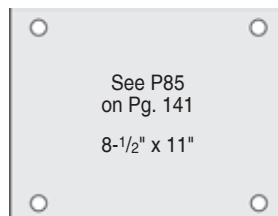
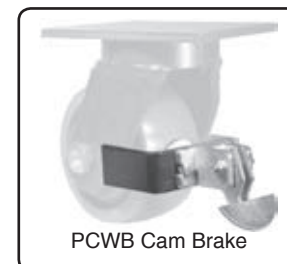


Plate Option LL



See Brake Section on Pgs. 8 - 9.

RWM 2-75 SERIES DUAL WHEEL

Features

- SWIVEL DESIGN: Patented Kingpinless Single Ball Race Precision Machined Swivel. Swivel is Hardened and is 3" Diameter with 1/2" Ball Bearings.
- TOP PLATE: 5/16" Steel.
- LEGS: 5/16" Steel with Center Leg for Strength.
- FINISH: Blue Paint.
- DUAL WHEELS: For Heavy Loads.

Options

- DSL
- Demountable Swivel Lock.
- HT
- High Temperature Lubrication.
- LT
- Low Temperature Lubrication.
- NY
- Notched Yoke.
- SL
- 4 - Position Swivel Lock.
- SR
- Sealed Swivel Raceway.
- TG
- Thread Guards.
- WB
- Wheel Brake.
- WS
- Wheel Seals.
- ZP
- Zinc Plate.



See Mounting Options Below.

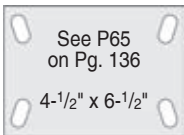
2-75-UIR-0820-S

Incorporating RWM’s unique and patented kingpinless design this caster is built to take continuous punishment from the toughest industrial applications. The kingpinless design provides superior swivel action with a single row of ball bearings rolling in a mirror smooth and hardened raceway. This series of casters offers improved swivel action, longer service life, reduced maintenance costs and down time and improved productivity. Roller bearings are standard, see page 6 to determine the best bearing for your application.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT	
5"	2" Width Each Wheel	800 lbs.	2-75-RIR-0520-S	Rubber on Iron	3- ¹⁵ / ₁₆ "	7- ¹ / ₂ "	
		2,000 lbs.	2-75-DUR-0520-S	Durastan (Phenolic)			
			2-75-CIR-0520-S	Cast Iron			
			2,100 lbs.	2-75-UIR-0520-S			Polyurethane on Iron
			2,400 lbs.	2-75-GTB-0520-S			Ergo GT (Solid Elastomer) PBB*
6"		820 lbs.	2-75-RIR-0620-S	Rubber on Iron	4- ⁷ / ₁₆ "	8"	
		2,000 lbs.	2-75-UOR-0620-S	Omega Polyurethane			
			2-75-DUR-0620-S	Durastan (Phenolic)			
			2,400 lbs.	2-75-CIR-0620-S			Cast Iron
			2,460 lbs.	2-75-UIR-0620-S			Polyurethane on Iron
8"		3,000 lbs.	2-75-GTB-0620-S	Ergo GT (Solid Elastomer) PBB*	6- ¹ / ₁₆ "	10 - ¹ / ₈ "	
		1,000 lbs.	2-75-RIR-0820-S	Rubber on Iron			
		2,400 lbs.	2-75-UOR-0820-S	Omega Polyurethane			
			2-75-DUR-0820-S	Durastan (Phenolic)			
		2,800 lbs.	2-75-CIR-0820-S	Cast Iron			
			3,000 lbs.	2-75-UIR-0820-S			Polyurethane on Iron
	3,600 lbs.	2-75-GTB-0820-S	Ergo GT (Solid Elastomer) PBB*				

* Precision Ball Bearing.

Mounting Options



Standard Plate

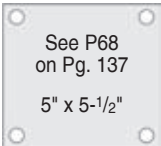


Plate Option 43

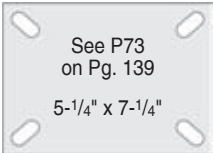


Plate Option 76

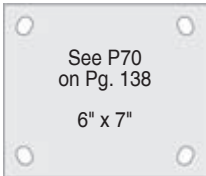
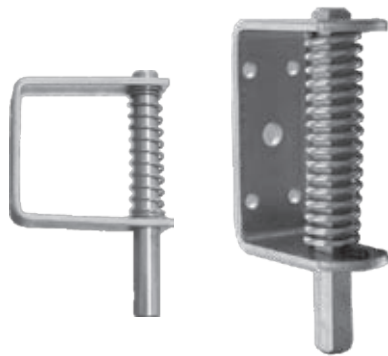


Plate Option 90

SPECIALTY CASTERS



LC-2

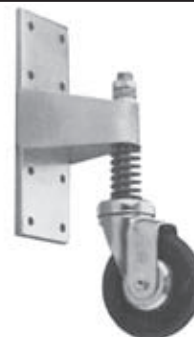
DC-2



QSL-22-XD



QSL-32-XD



QSL-75-XD



QSL-405-TD

Providing vertical travel, these casters and frames are designed for uneven surfaces. They are ideal for gates or doors.

WHEEL DIAMETER	DYNAMIC LOAD	PART NUMBER	OVERALL HEIGHT No Load	OVERALL HEIGHT MAX. LOAD	SWIVEL OFFSET C/W BRACKET
2" - 5"	NA	LC-2	7/16" Socket hole for Grip Ring Caster.		
		DC-2			
2"	90 lbs.	QSL-22-XD	7.375"	6.375"	1.75"
	200 lbs.	QSL-32-XD	8.50"	7.625"	3.50"
5"	300 lbs.	QSL-75-XD	13.25"	12"	5.375"
	400 lbs.	QSL-405-TD			

- Starts to Compress at ~8 lbs.
- ~28 lbs. at end of Compress.
- ~7/8" Travel.



177A33C050BZPS

Spring Loaded caster (with load related locking effect) comes in swivel and rigid models. The rigid bolt plate can be turned 90°. Gray non-marking rubber tread ball bearing wheel.

A good choice on bumpy surfaces.

WHEEL DIAMETER	DYNAMIC LOAD	PART NUMBER	DESCRIPTION	INSTALLED HEIGHT	BOLTING PLATE
2" x 11/16"	88 lbs.	177A33C050BZPS	Swivel Caster	5-29/32"	2-5/16" H
		176A33C050BZPS	Rigid Caster		1-29/32" W

SPRING LOADED LADDER CASTERS

- Starts to Compress at ~9 or 10 lbs.
- ~18 to 20 lbs. at end of Compression.
- ~1" Travel.

Quality replacement casters for rolling ladders. Soft rubber wheel with plain bore. Stem dimensions 5/16" x 2-7/8" on top of 9/16" x 1-7/8" base section.

WHEEL DIAMETER	DYNAMIC LOAD	PART NUMBER	DESCRIPTION	SWIVEL RADIUS
2"	77 lbs.	8320-21-SR	Soft Rubber	1-13/16"
3"	99 lbs.	8330-21-SR		2-3/8"

P-SPRING-1800 sold separately.



8320-21-SR

8330-21-SR

SCAFFOLDING CASTERS



8980-31-RCI-TG

The total lock brake system stops both the wheel and the swivel simultaneously, and is hand or foot operated. When fully locked the brake system will not disengage on its own. It is a scaffold caster, but it is also ideally suited for floodlight stands, motion picture equipment and other movable work platforms that need to roll and/or stay put.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	FINISH	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
8"	2"	500 lbs.	8980-**-RCI-TG	Zinc Plated	Rubber on Cast Iron	6-1/4"	9-1/2"
		800 lbs.	8980-**-PCI-TG		Polyurethane		

Full Scale

1-3/8" Dia. x 4"
1/2" hole
2-1/2" from base



31SC

1-7/16" Dia. x 4"
3/8" hole
2-1/2" from base



32SC

1-1/4" Dia. x 4"
1/2" hole
2-1/2" from base

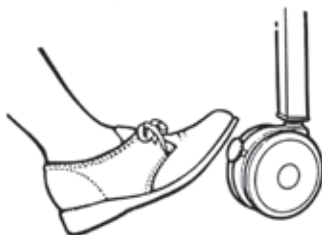


33SC

TRAVELAID

Nylon
Twin Wheel Casters

TA4541-GR



Brake operates with
the touch of the toe.



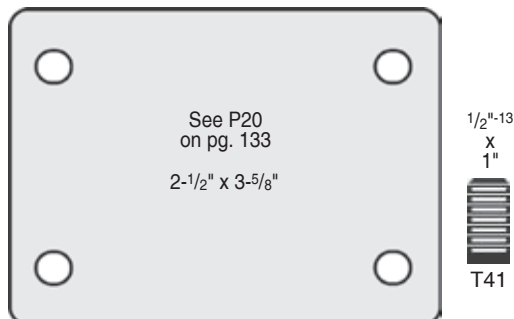
TA4541-GR-B

This caster was born and bred in Great Britain originally for the rough and tumble world of shopping carts. That's hard-nosed testimony to its durability. The Travelaid has a ball bearing raceway for each wheel plus a ball bearing seat for the fastening. The body and wheels are Nylon 6, impact and corrosion resistant, colorfast and color integrated. Treads are genuine rubber for hard floors, and conductive rubber treads are an available option. Excellent for medical equipment and furniture.

WHEEL DIAMETER	MOUNTING CODE	DYNAMIC LOAD	PART NUMBER		FINISH	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
			NO BRAKE	W/BRAKE				
4-1/2"	T41	132 lbs	TA4541-BK	TA4541-BK-B	Black	Soft Rubber	3-17/32" 3-7/8"[-B]	5"
	P20		TA4541-GR	TA4541-GR-B	Gray			
	T41		TA4520-BK	TA4520-BK-B	Black			
	P20		TA4520-GR	TA4520-GR-B	Gray			
5"	T41		TA5041-BK	TA5041-BK-B	Black		3-15/16" 4-3/8"[-B]	5-1/2"
	P20		TA5041-GR	TA5041-GR-B	Gray			
	T41		TA5020-BK	TA5020-BK-B	Black			
	P20		TA5020-GR	TA5020-GR-B	Gray			

Mounting Options

See full Size Mountings on pages 130, 133.



TWIN WHEEL CASTERS



8022-11-HR



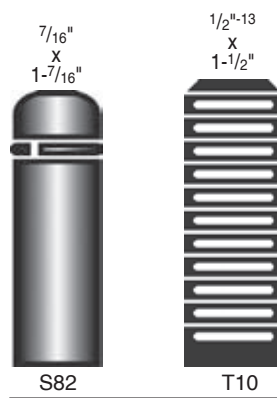
16-32-XD

These casters utilize two wheels for additional load capacity and floor protection. A double level, hardened full ball bearing swivel for low overall height and extra load capacity. The 16-32-XD model features super soft neoprene wheels for exceptional protection of all floors and has a rigid version available.

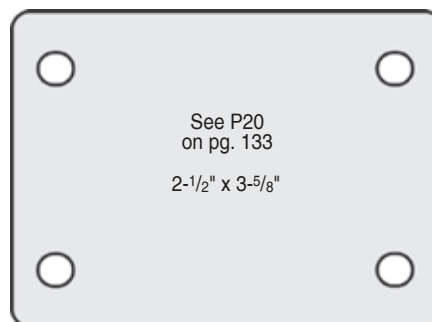
WHEEL DIAMETER	TREAD WIDTH	MOUNTING CODE	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
1-13/16"	5/8"	P20	200 lbs.	8015-01-HDP	Heavy Duty Plastic	1-3/8"	2-1/8"
2"	13/16"	P20	160 lbs.	8022-01-SR	Soft Rubber	1-7/8"	2-13/16"
				8022-01-MIR	Mirage Rubber		
			200 lbs.	8022-01-HR	Hard Rubber		
		S82	160 lbs.	8022-11-SR	Soft Rubber		
				8022-11-MIR	Mirage Rubber		
			200 lbs.	8022-11-HR	Hard Rubber		
	1"	T10	160 lbs.	8022-21-SR	Soft Rubber		
				8022-21-MIR	Mirage Rubber		
			200 lbs.	8022-21-HR	Hard Rubber		
		P20	300 lbs.	16-32-XD	Neoprene Super Roll BB	2-3/8"	3-3/8"

Mounting Options

See full Size Mountings on pages 130, 133.



Full Scale



SPECIALTY CASTERS

REFRIGERATOR / APPLIANCE CASTER

- Wheel Size: $\frac{7}{8}$ " x $1\frac{1}{2}$ ".
- Stem Size: $\frac{5}{16}$ " x $\frac{7}{8}$ ".



PAC1274ZN-2E

Model PAC1274ZN-2E

This rigid caster provides easy moving and low overall height for large appliances during cleaning. Just remove glides and install.

BUSINESS MACHINE CASTERS



S3998-2



S4.3312.351

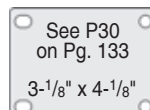
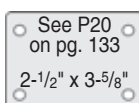


8030-03-PHN-SB

The principal requirement for casters in this specialized area are heavy load capacity, low overall height and floor or carpet protection. This is achieved by a casters that has a very wide wheel. The swivels are double level, hardened full ball bearing for low height and added load capacity. Wheels have roller bearings.

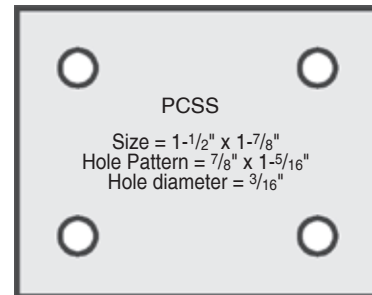
WHEEL DIAMETER	TREAD WIDTH	MOUNTING CODE	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
3"	$1\frac{13}{16}$ "	P20	500 lbs.	S4.3305.351	Glass Reinforced Nylon	$2\frac{3}{4}$ "	$4\frac{1}{8}$ "
		P30	600 lbs.	8030-03-PHN-SB	Phenolic	$2\frac{5}{16}$ "	$4\frac{1}{16}$ "
			900 lbs.	S3998-2		$3\frac{1}{8}$ "	$4\frac{5}{16}$ "
			1,200 lbs.	S4.3312.351	Glass Reinforced Nylon	$2\frac{1}{2}$ "	$4\frac{1}{8}$ "

See full Size Mountings on pages 130, 133.



CREEPER CASTERS

CCS-300



Full Scale

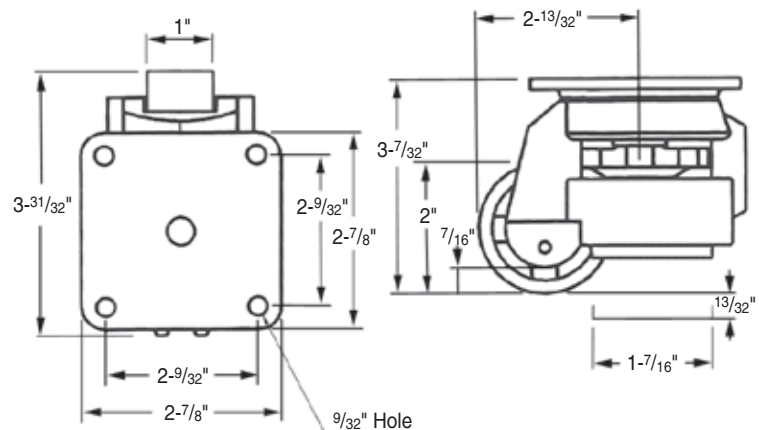
Model CCS-300

This unique design of a low-load height is ideal for mechanic's garage creepers, along with its ability to run over cable and other obstacles. It has also many applications in the textile and associated industries.

WHEEL DIAMETER	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
3"	150 lbs.	CCS-300	Steel	2-5/8"	3"

LEVELING CASTER

GD-60F

**Leveling Caster**

This caster has an internal leveling glide/stabilizer that allows heavy equipment to be moved and then immobilized. The steel inserted frame is die cast with aluminum alloy to withstand dynamic and thrust forces.

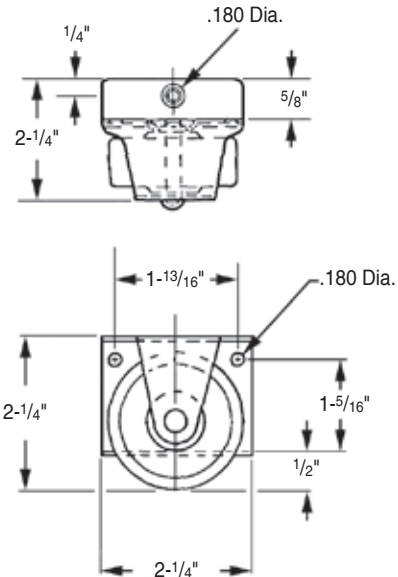
WHEEL DIAMETER	WHEEL WIDTH	DYNAMIC LOAD	PART NUMBER	WHEEL MATERIAL	SWIVEL RADIUS	LOAD HEIGHT
1-3/4"	1-1/16"	220 lbs.	9320-01-NYL	NYLON	2-13/32"	2-3/4"
2"	1"	550 lbs.	GD-60F	NYLON-6	3-1/4"	3-15/16"
2-1/2"	2-1/2"	320 lbs.	9330-01-NYL	NYLON	3-3/32"	4-1/32"

Call with requirements when choosing leveling casters, for a tailored selection.

SPECIALTY CASTERS



CC-141-2PJ

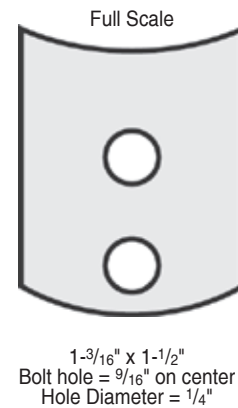


If you desire to conceal or hide casters on your furniture, cabinets or appliances, this 2" rigid model is the answer. The lower lip easily attaches to your equipment. Zinc plate and polyolefin wheel come standard.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	FINISH	WHEEL MATERIAL	LOAD HEIGHT
2"	7/8"	100 lbs.	CC-141-2PJ	Zinc	Polyolefin	1/2"



BRMR2000



A rigid frame caster with zinc finish easily attached with two screws. Provides low overall height with good weight capacity. Ideal for side mounting.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	PART NUMBER	FINISH	WHEEL MATERIAL	LOAD HEIGHT
2"	7/8"	100 lbs.	BRMR2000	Zinc	Soft Rubber	2-1/16"

BALL TRANSFERS

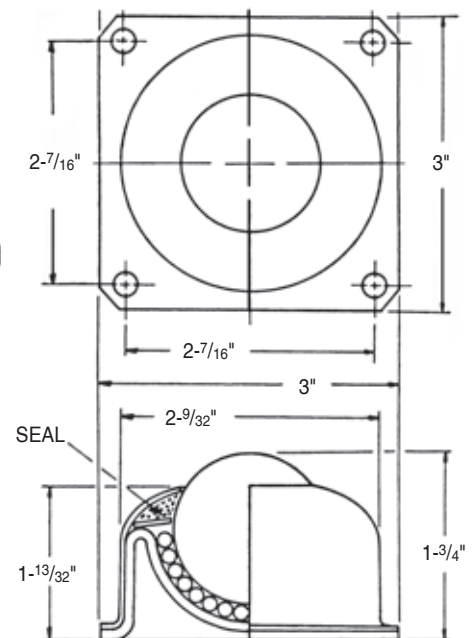


Sealed and Lubricated Heavy Duty Ball Transfer BT-1-1/2CS

The 1-1/2" diameter main ball rotates on 90 - 3/16" diameter support balls. Hardened ball cup and sealed protective cover assure low torque and long life.

For uneven surfaces use a 3 :1 safety factor.

Capacity: 250 lbs. Each.

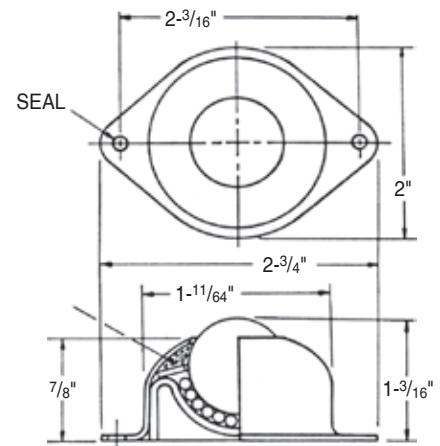


Sealed and Lubricated Flange Mounted Ball Transfer BT-1CS

Two hole, Flange mounted ball transfer, 1" diameter main ball rotates on 80 - 1/8" diameter support balls. Hardened ball cup and sealed protective cover assure low torque and long life.

For uneven surfaces use a 3 :1 safety factor.

Capacity: 75 lbs. Each.

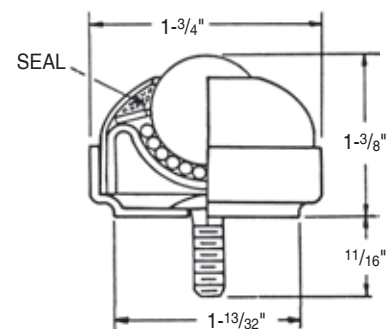


Sealed and Lubricated stud type Ball Transfer SBT-1CS

By using a standard BT-1 chassis, we can supply a stud type transfer with high load carrying capacity. 1" diameter main ball rotates on 80 - 1/8" inch diameter support balls. Hardened ball cup and sealed protective cover assure low torque and long life.

For uneven surfaces use a 3 :1 safety factor.

Thread Sizes: 1/4" - 20, 5/16" - 18, 3/8" - 16.
Capacity: 75 lbs. Each.

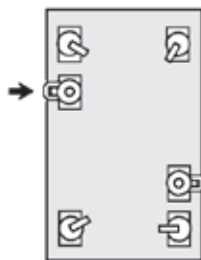


Main ball available in Nylon.

INSTITUTIONAL FLOOR LOCKS



FL-H3.5-INST



INSTALLATION INFORMATION

Where there are four swivel casters on a piece of equipment, use at least two position locks.

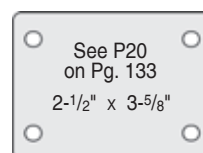
<--(see drawing at left)

When you have two rigid and two swivel casters, only one position lock is needed. (see drawing at right)-->



Colson offers a complete line of floor locks to immobilize rolling equipment quickly and effectively. Installation is fast and easy. Simply bolt or weld to the underside of portable equipment. Floor locks are designed to be used on level surfaces and are **not recommended for use on inclined surfaces**. Select a model with an extended height $\frac{1}{16}$ " to $\frac{1}{4}$ " greater than the overall height of the casters.

PART NUMBER	RETRACTED HEIGHT	EXTENDED HEIGHT	MOUNT CODE
FL-H3.5-INST	3- $\frac{7}{8}$ "	4- $\frac{15}{16}$ "	P20
FL-H4-INST	4- $\frac{1}{2}$ "	5- $\frac{17}{32}$ "	
FL-H5-INST	5- $\frac{11}{64}$ "	6- $\frac{7}{32}$ "	



HEAVY DUTY FLOOR LOCKS



F430

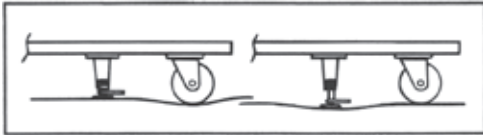
A floor lock immobilizes equipment in any desired location, but does not interfere with its movement when not in use. Locking action is created when a friction foot of nearly 10 Sq. inches is pressed against the floor with the force of 70 to 100 lbs.. This is a constant duty floor lock best used where locking and unlocking of load will happen many times each day.

NOMINAL CASTER HEIGHT	MODEL NUMBER	RETRACTED HEIGHT	EXTENDED HEIGHT	PLATE SIZE	BOLT HOLE SPACING	HOLE DIAMETER
4-7/8" to 5-1/2"	F410U	4-11/16"	5-5/8"	3-11/16" X 5-3/8"	2-5/8" X 3-5/8"	3/8"
4-7/8" to 5-5/16"	F430S		5-13/32"			
6-3/8" to 7-1/8"	F550S	6-1/4"	7-1/4"	4-1/2" X 6"	2-7/16" X 4-15/16"	1/2"
6-3/4" to 7-5/8"	F600U	6-3/4"	7-3/4"			
8-3/4" to 9-7/8"	F800U	8-7/8"	9-15/16"	5-3/8" X 7-1/4"	3-3/8" X 5-1/4"	
9-1/8" to 10-1/8"	F802S	9-1/4"	10-1/4"			

ADU-LOK FLOOR LOCKS

Features

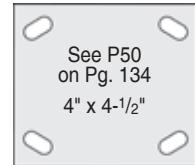
- BODY: Corrosion Resistant Cast Aluminum Alloy.
- FOOT: Firm Grip, Non-Marking Rubber Pad.
- TOP PLATE: Standard 2-5/8" x 3-5/8" Slotted to 3" x 3".
- MECHANISM: Spring Loaded Foot and Shelf Actuating Levers to Provide Efficient Braking.
- HEIGHT: Variable Height Affords Infinite Adjustment up to the Maximum Height.



BUILT-IN FLEX and Floating Foot Compensate for Irregular Floors.



FL-C6-ADJUST



An efficient lock for positioning trucks, stands and work benches for stable loading, unloading and work convenience. In most applications affords greater floor clearance than ordinary floor locks.

MODEL NUMBER	RECOMMENDED OPERATING HEIGHT	RETRACTED HEIGHT	EXTENDED HEIGHT	APPROXIMATE WEIGHT
FL-C6-ADJUST	6-1/2" TO 7-1/2"	5-1/2"	8"	3-1/2 lbs.
FL-C8-ADJUST	8" TO 10-1/2"	7"	11"	4 lbs.

LIGHT DUTY FLOOR LOCKS



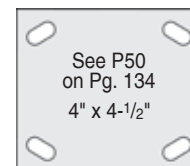
FL-H4-TRUCK
HORN TYPE



FL-P4-TRUCK
PEDAL TYPE

Economical floor locks for light work. They have a spring mechanism that keeps the friction pad in contact with the floor.

MODEL NUMBER	RETRACTED HEIGHT	EXTENDED HEIGHT	DESCRIPTION
FL-H4-TRUCK	5-1/16"	5-3/4"	Horn Type
FL-P4-TRUCK	4-5/8"	5-7/8"	Pedal Type
FL-H5-TRUCK	5-5/8"	6-5/8"	Horn Type
FL-P5-TRUCK	5-1/2"	6-3/4"	Pedal Type
FL-H6-TRUCK	6-5/8"	7-5/8"	Horn Type
FL-P6-TRUCK	6-1/2"	7-3/4"	Pedal Type
FL-H8-TRUCK	8-5/8"	9-5/8"	Horn Type
FL-P8-TRUCK	8-1/2"	9-3/4"	Pedal Type



WHEELS



8X2.5EX1RB

R&K's sand-cast aluminum cores combine light weight, economy and long life with maximum strength. Single-wall construction offers a light yet durable wheel with the ability to absorb impact. Engineered to transmit loads directly to the bearing surface for smoother action, the R&K standard wheel is available with tires made of natural rubber, neoprene, or non-marking gray rubber.

R&K RUBBER ON ALUMINUM

Standard Rubber: -40°F to +180°F 65-70 Durometer Shore 'A' Scale.

Gray Rubber: -40°F to +180°F 50-55 Durometer Shore 'A' Scale.

Neoprene: -30°F to +200°F 72-78 Durometer Shore 'A' Scale.

TREAD WIDTH	BEARING I. D.	BEARING TYPE	HUB LENGTH	LOAD RATING
3" Diameter				
1-1/4"	1/2, 5/8, 3/4	BB, SBB BB (offset)	1-1/2" only 1-1/4" only	150 lbs.
3-1/2" Diameter				
1-1/4"	1/2, 5/8, 3/4	BB, SBB	1-1/2" only	200 lbs.
4" Diameter				
1-1/2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	1-3/4"(1-5/8") 1-3/4" only	225 lbs.
5" Diameter				
1-1/2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	1-3/4"(1-5/8") 1-3/4" only	270 lbs.
2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB BB (offset) RB RB (offset) SRB	2-1/4"(2-3/16") 1-3/4" only 2-1/4"(2-3/16") 1-3/4" only 2-1/4" only	350 lbs.
6" Diameter				
1-1/2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	1-3/4"(1-5/8") 1-3/4" only	325 lbs.
2"	1/2, 5/8, 3/4 5/8, 3/4 7/8, 1 5/8, 3/4, 7/8, 1	BB, SBB RB RB SRB	2-1/4"(2-3/16") 2-1/4" only	460 lbs.
2-1/2"	5/8, 3/4, 7/8, 1 1, 1-1/4	BB, SBB RB, SRB	2-3/4"	550 lbs.
3"	5/8, 3/4, 7/8, 1 1, 1-1/4	BB, SBB RB, SRB	3-1/4"	680 lbs.
8" Diameter				
1-5/8"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB, SRB	2"(1-3/4") 1-3/4"	450 lbs.
2"	5/8, 3/4, 7/8, 1 3/4, 7/8, 1, 1-1/4	BB, SBB RB, SRB	2-1/4"	565 lbs.
2-1/2"	5/8, 3/4, 7/8, 1 3/4, 7/8, 1, 1-1/4 5/8, 3/4, 1	BB, SBB RB, SRB TRB, STRB	2-3/4"	700 lbs.
3"	5/8, 3/4, 7/8, 1 5/8, 3/4, 1	BB, SBB TRB, STRB	3-1/4"	850 lbs.
9" Diameter				
2-1/4"	5/8, 3/4, 7/8, 1 1, 1-1/4 5/8, 3/4, 1	BB, SBB RB, SRB TRB, STRB	2-1/2" 2-3/4" 2-1/2"	685 lbs.

TREAD WIDTH	BEARING I. D.	BEARING TYPE	HUB LENGTH	LOAD RATING
10" Diameter				
1-5/8"	5/8, 3/4	BB	2-1/2"(2-1/4")	570 lbs.
2"	5/8, 3/4, 7/8, 1	BB, SBB	2-1/4"	700 lbs.
	3/4, 7/8, 1, 1-1/4	RB, SRB		
2-1/2"	5/8, 3/4, 7/8, 1	BB, SBB	2-3/4"	850 lbs.
	3/4, 7/8, 1, 1-1/4	RB, SRB		
	5/8, 3/4, 1	TRB, STRB		
3"	5/8, 3/4, 7/8, 1, 1-1/4	BB, SBB	3-1/4"	1,000 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
4"	1, 1-1/4	RB, SRB	4-1/4"	1,300 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
11" Diameter				
2-1/2"	5/8, 3/4, 7/8, 1	BB, SBB	2-3/4"	900 lbs.
	1, 1-1/4	RB, SRB		
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
12" Diameter				
2-1/2"	5/8, 3/4, 7/8, 1	BB, SBB	2-3/4"	950 lbs.
	1, 1-1/4	RB, SRB		
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
3"	1, 1-1/4	RB, SRB	3-1/4"	1,140 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
3-1/2"	1, 1-1/4	RB, SRB	3-3/4"	1,340 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
4"	1, 1-1/4	RB, SRB	4-1/4"	1,550 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
14" Diameter				
3"	1, 1-1/4	RB, SRB	3-1/4"	1,350 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
16" Diameter				
3"	1, 1-1/4	RB, SRB, TRB, STRB	3-1/4"	1,550 lbs.
3-1/2"			3-3/4"	1,650 lbs.
4"			4-1/4"	1,750 lbs.
5"			5-1/4"	1,950 lbs.
18" Diameter				
3"	1, 1-1/4	RB, SRB, TRB, STRB	3-1/4"	1,550 lbs.
4"			4-1/4"	2,200 lbs.
5"			5-1/4"	2,800 lbs.

Bearings

BB: Ball Bearing.

SBB: Sealed Ball Bearing.

RB: Roller Bearing.

SRB: Sealed Roller Bearing.

TRB: Tapered Roller Bearing.

STRB: Sealed Tapered Roller Bearing.

R&K POLYURETHANE ON ALUMINUM

Polyurethane: -30°F to +200°F 92 - 95 Durometer Shore 'A' Scale.

For longer service, heavier loads, easier roll and non-marking performance. R&K Loadmasters use polyurethane tread permanently molded to the aluminum core. Resistant to oil, water, grease and most chemicals, the Loadmasters cut the cost of replacing wheels. The standard tread color is red. Black, gray, orange, green, blue and other colors are available.



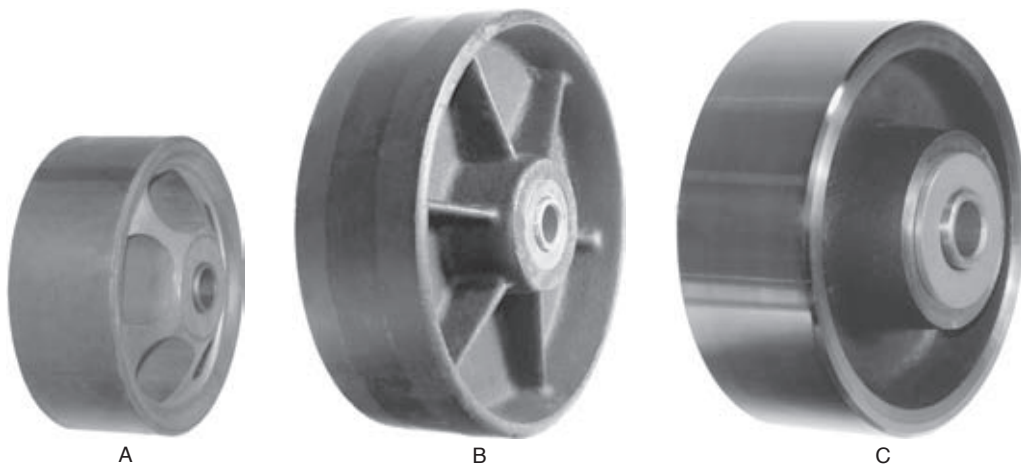
8X1-15/16X3/4BB

TREAD WIDTH	BEARING I. D.	BEARING TYPE	HUB LENGTH	LOAD RATING
3" Diameter				
1-1/4"	1/2, 5/8, 3/4	BB, SBB BB (offset)	1-1/2" 1-1/4"	312 lbs.
3-1/2" Diameter				
1-1/4"	1/2, 5/8, 3/4	BB SBB	1-1/4" 1-1/2"	500 lbs. 312 lbs.
4" Diameter				
1-1/2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	1-3/4"(1-5/8") 1-3/4" only	560 lbs.
1-15/16"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	2-1/4"(2-3/16") 2-1/4" only	740 lbs.
5" Diameter				
1-1/2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	1-3/4"(1-5/8") 1-3/4" only	675 lbs.
1-15/16"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	2-1/4"(2-3/16") 2-1/4" only	875 lbs.
6" Diameter				
1-1/2"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB SRB	1-3/4"(1-5/8") 1-3/4" only	810 lbs.
1-15/16"	1/2, 5/8, 3/4, 7/8, 1 5/8, 3/4 7/8, 1 5/8, 3/4, 7/8, 1	BB, SBB RB RB SRB	2-1/4"(2-3/16") 2-1/4" only	1,150 lbs.
2-1/2"	5/8, 3/4, 7/8, 1 1, 1-1/4	BB, SBB RB, SRB	2-3/4"	1,375 lbs.
3"	5/8, 3/4, 7/8, 1 1, 1-1/4	BB, SBB RB, SRB	3-1/4"	1,700 lbs.
8" Diameter				
1-5/8"	1/2, 5/8, 3/4 5/8, 3/4	BB, SBB RB, SRB	2"(1-3/4") 1-3/4"	1,125 lbs.
1-15/16"	5/8, 3/4, 7/8, 1 3/4, 7/8, 1, 1-1/4	BB, SBB RB, SRB	2-1/4"	1,412 lbs.
2-1/2"	5/8, 3/4, 7/8, 1 1, 1-1/4 5/8, 3/4, 7/8, 1	BB, SBB RB, SRB TRB, STRB	2-3/4"	1,750 lbs.
3"	5/8, 3/4, 7/8, 1 1, 1-1/4 5/8, 3/4, 7/8, 1	BB, SBB RB, SRB TRB, STRB	3-1/4"	2,000 lbs.
9" Diameter				
2-1/2"	5/8, 3/4, 7/8, 1 1, 1-1/4 5/8, 3/4, 7/8, 1	BB, SBB RB, SRB TRB, STRB	2-3/4"	1,712 lbs.

TREAD WIDTH	BEARING ID	BEARING TYPE	HUB LENGTH	LOAD RATING
10" Diameter				
1-15/16"	5/8, 3/4, 7/8, 1	BB, SBB	2-1/4"	1,750 lbs.
	1, 1-1/4	RB, SRB		
2-1/2"	5/8, 3/4, 7/8, 1	BB, SBB	2-3/4"	2,000 lbs.
	1, 1-1/4	RB, SRB		
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
3"	5/8, 3/4, 7/8, 1	SBB	3-1/4"	2,500 lbs.
	1, 1-1/4	RB, SRB		
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
4"	1, 1-1/4	RB, SRB	4-1/4"	3,250 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
11" Diameter				
2-1/2"	5/8, 3/4, 7/8, 1	BB, SBB	2-3/4"	2,000 lbs.
	1, 1-1/4	RB, SRB		
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
12" Diameter				
2-1/2"	5/8, 3/4, 7/8, 1	BB, SBB	2-3/4"	2,000 lbs.
	1, 1-1/4	RB, SRB		
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
3"	1, 1-1/4	RB, SRB	3-1/4"	2,850 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
3-1/2"	1, 1-1/4	RB, SRB	3-3/4"	3,350 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
4"	1, 1-1/4	RB, SRB	4-1/4"	3,875 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
14" Diameter				
3"	1, 1-1/4	RB, SRB	3-1/4"	3,375 lbs.
	5/8, 3/4, 1, 1-1/4	TRB, STRB		
16" Diameter				
3"	1, 1-1/4	RB, SRB, TRB, STRB	3-1/4"	3,875 lbs.
3-1/2"			3-3/4"	4,525 lbs.
4"			4-1/4"	5,175 lbs.
5"			5-1/4"	6,475 lbs.
18" Diameter				
3"	1, 1-1/4	RB, SRB, TRB, STRB	3-1/4"	4,525 lbs.
4"			4-1/4"	6,775 lbs.
5"			5-1/4"	8,275 lbs.

Bearings

BB: Ball Bearing.
SBB: Sealed Ball Bearing.
RB: Roller Bearing.
SRB: Sealed Roller Bearing.
TRB: Tapered Roller Bearing.
STRB: Sealed Tapered Roller Bearing.

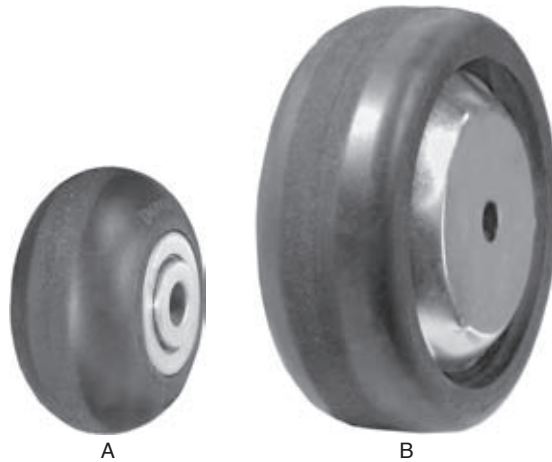


These wheels should be specified when high load weights are involved and floor protection is not a factor. They should not be used if noise is of major concern or if loads are fragile. Forged steel wheels have almost unbreakable construction, great wear resistance and take shock impacts very well.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
1-5/8"	15/32"	80 lbs.	Plain	A	WP-1057	Powdered Iron	3/16"	25/32"
2"	1"	125 lbs.	Plain	A	WP-1102	Powdered Iron	1/4"	1-1/8"
3"	1-5/32"	250 lbs.	Plain	A	WP-1103	Powdered Iron	3/8"	1-9/16"
			Roller	A	WR-1203	Powdered Iron		
3-1/2"	1-1/4"	300 lbs.	Sleeve	B	2.00003.12	Cast Iron	3/8"	1-1/2"
	1-1/4"	300 lbs.	Sleeve	B	2.00004.12	Cast Iron		
4"	1-1/2"	425 lbs.	Plain	B	WP-1104	Semi Steel	1/2"	1-7/8"
			Roller	B	WR-1204	Semi Steel		
	2"	1,400 lbs.	Roller	C	FSR-0415-12	Forged Steel		
		1,000 lbs.	Roller	B	5.00004.139	Cast Iron		
5"	2"	1,500 lbs.	Roller	N.A.	DI4X2RB	Crowned Dutille Steel	1/2"	2-7/16"
		1,000 lbs.	Roller	B	5.00005.139	Cast Iron		
		1,500 lbs.	Roller	C	5.00005.239	Forged Steel		
		1,500 lbs.	Roller	B	5.00006.139	Cast Iron		
6"	2"	1,700 lbs.	Roller	C	5.00006.239	Forged Steel	3/4"	3-1/2"
		2,500 lbs.	Roller	B	7.00006.169	Cast Iron		
	2-1/2"	4,000 lbs.	Roller	C	7.00006.269	Forged Steel		
		7,000 lbs.	Roller	C	FSR-0630-16	Forged Steel		
	3"	6,000 lbs.	Roller	N.A.	DI6X3RB	Crowned Dutille Steel		
8"	2"	1,500 lbs.	Roller	B	5.00008.139	Cast Iron	3/4"	2-7/16"
	2-1/2"	1,600 lbs.	Roller	B	6.00008.169	Cast Iron		3"
	3"	2,500 lbs.	Roller	B	7.00008.179	Cast Iron		3-1/2"
		4,500 lbs.	Roller	C	7.00008.279	Forged Steel		
		5,500 lbs.	Roller	C	FSR-0830-12	Forged Steel		
		6,000 lbs.	Roller	N.A.	DI8X3RB	Crowned Dutille Steel		
10"	2-1/2"	1,600 lbs.	Roller	B	6.00010.169	Cast Iron	3/4"	3"
	3"	3,000 lbs.	Roller	B	7.00010.179	Cast Iron		3-1/2"
		4,500 lbs.	Roller	C	7.00010.279	Forged Steel		
12"	3"	3,000 lbs.	Roller	B	7.00012.179	Cast Iron		

NEOPRENE

-20°F to +300°F Intermittent (175°F continuous).
60(±5) Durometer Shore 'A' scale.



← Shown with Optional
Thread Guards.

All of these mold-on neoprene wheels have the neoprene tread thermally bonded to a glass fibre reinforced nylon core for exceptional strength, impact resistance and outstanding rollability. Superior for all floor surfaces and ergonomically designed for excellent mobility and resistance to wear. These quiet and easy rolling wheels are shock absorbing and will reject floor debris.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
2"	1"	75 lbs.	Ball Bearing	A	W-22-XD	Balloon	5/16"	1-1/8"
3"	1"1"	75 lbs.		A	W-23-XD	Balloon		
	1-3/8"	200 lbs.		B	W-63-XD	Std Profile	3/8"	1-1/2"
3-1/2"	1-3/8"	200 lbs.		B	W-635-XD	Std Profile		
		225 lbs.		B	W-635-XSR	Super Roll	5/16"	1-1/8"
4"	1"	75 lbs.		A	W-24-XD	Balloon		
	1-3/8"	225 lbs.		B	W-64-XD	Std Profile		
		225 lbs.		B	W-64-XSR	Super Roll		
		300 lbs.		B	W-74-XSR	Super Roll	3/8"	1-3/4"
5"	1"	75 lbs.		A	W-25-XD	Balloon	5/16"	1-1/8"
	1-3/8"	250 lbs.		B	W-65-XD	Std Profile		
		275 lbs.		B	W-65-XSR	Super Roll	3/8"	1-1/2"
		350 lbs.		B	W-75-XSR	Super Roll		

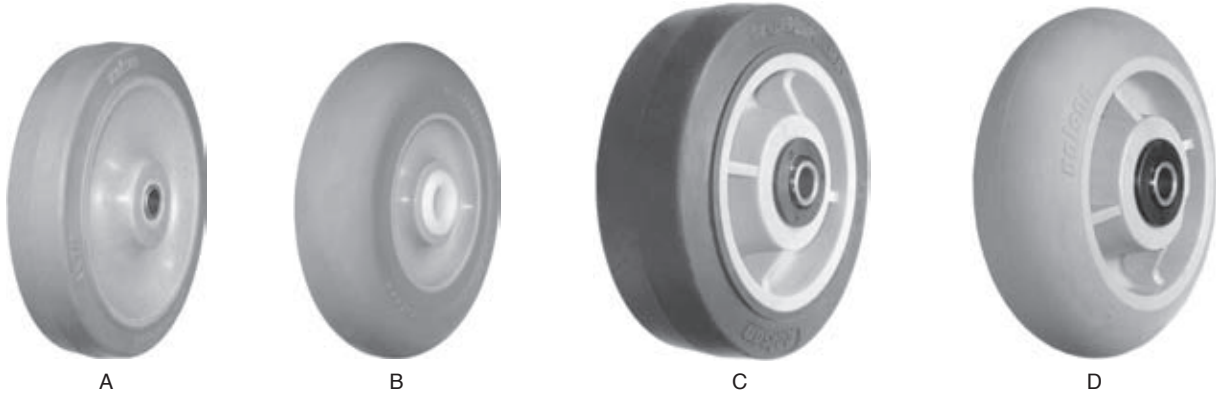
WHEELS

COLSON PERFORMA WHEELS

Options

- Delrin Bearings.
- Ball Bearing.
- Roller Bearing.
- Brass Bearings.

-45°F to +180°F Intermittent (120°F continuous).
65(±5) Durometer Shore 'A' scale.



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushioned ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
1-5/8"	7/8"	60 lbs.	Delrin	A	1.00001.441	Flat/Grey	5/16"	1-7/64"
2"	7/8"	75 lbs.	Delrin	A	1.00002.441	Flat/Grey		
2-1/2"	1-1/4"	140 lbs.	Delrin	A	2.00002.441	Flat/Grey	3/8"	1-1/2"
			Ball	A	2.00002.445	Flat/Grey		
3"	7/8"	125 lbs.	Delrin	A	1.00003.441	Flat/Grey	5/16"	1-7/64"
3-1/2"	1-1/4"	250 lbs.	Delrin	A	2.00003.441	Flat/Grey	3/8"	1-1/2"
			Ball	A	2.00003.445	Flat/Grey		
4"	7/8"	135 lbs.	Delrin	A	1.00004.441	Flat/Grey	5/16"	1-7/64"
	1-1/4"	300 lbs.	Delrin	A	2.00004.441	Flat/Grey	3/8"	1-1/2"
			Ball	A	2.00004.445	Flat/Grey		
	2"	400 lbs.	Roller	C	5.00004.459.2	Flat/Black	1/2"	2-7/16"
			Roller	C	5.00004.459	Flat/Grey		
5"	7/8"	145 lbs.	Delrin	A	1.00005.441	Flat/Grey	5/16"	1-7/64"
	1-1/4"	325 lbs.	Delrin	A	2.00005.441	Flat/Grey		
			Ball	A	2.00005.445	Flat/Grey	3/8"	1-1/2"
	1-5/16"	250 lbs.	Delrin	B	2.00005.561	Round/Grey		
			Ball	B	2.00005.565	Round/Grey		
	2"	500 lbs.	Roller	C	5.00005.459.2	Flat/Black		
			Roller	C	5.00005.459	Flat/Grey		
6"	2"	450 lbs.	Roller	D	5.00006.559	Round/Grey	1/2"	2-7/16"
		600 lbs.	Roller	C	5.00006.459.2	Flat/Black		
			Roller	C	5.00006.459	Flat/Grey		
8"	2"	600 lbs.	Roller	D	5.00008.559	Round/Grey		
		675 lbs.	Roller	C	5.00008.459.2	Flat/Black		
			Roller	C	5.00008.459	Flat/Grey		
10"	2-1/2"	1,000 lbs.	Roller	C	7.00010.459.2	Flat/Black	3/4"	3-1/2"
12"	3"	1,700 lbs.	Roller	C	7.00012.459.2	Flat/Black		

PHENOLIC WHEELS

-45°F to +180°F.
90(±5) Durometer Shore 'D' scale.



A

Phenolic resin wheels filled with macerated fabric. Quieter than steel, they provide superior floor protection. Resistant to hard impact and most chemicals. Standard color is black. Delrin bearings available upon request.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	PART NUMBER	DESCRIPTION	HUB W/BUSHING	
						BORE	LENGTH
3"	1-13/16"	900 lbs.	Roller	WR-8253	Phenolic	3/8"	1-15/16"
3-1/4"	2"	700 lbs.	Roller	5.00003.339	Phenolic	1/2"	2-7/16"
4"	2"	800 lbs.	Roller	5.00004.339	Phenolic		
5"	2"	1,000 lbs.	Roller	5.00005.339	Phenolic		
6"	2"	1,200 lbs.	Roller	5.00006.339	Phenolic		
	2-1/2"	1,600 lbs.	Roller	7.00006.369	Phenolic	3/4"	3-1/2"
	3"	2,000 lbs.	Roller	7.00006.379	Phenolic		
8"	2"	1,400 lbs.	Roller	5.00008.339	Phenolic	1/2"	2-7/16"
	2-1/2"	1,600 lbs.	Roller	6.00008.369	Phenolic		
		2,000 lbs.	Roller	7.00008.369	Phenolic	3/4"	3"
	3"	2,500 lbs.	Roller	7.00008.379	Phenolic		
		1,600 lbs.	Roller	6.00010.369	Phenolic		
10"	2-1/2"	2,500 lbs.	Roller	7.00010.369	Phenolic	3/4"	3-1/2"
		2,900 lbs.	Roller	7.00010.379	Phenolic		
	3"	3,500 lbs.	Roller	7.00012.379	Phenolic		

SOLID ELASTOMER WHEELS

-50°F to +195°F.
60 Durometer Shore 'D' scale.



A

-50°F to +275°F.
75 Durometer Shore 'D' scale.



B

This wheel is easier to start and keep rolling and swivels easier than any other wheel offered. In addition the solid elastomer wheel offers excellent resistance to chipping, cracking and does not develop flat spots. It resists most chemicals, oils, greases, petroleum products and solvents.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
3"	1-3/8"	500 lbs.	Precision Sealed Ball Bearings	A	W-73-PSE	Solid Elastomer	3/8"	1-3/4"
4"	1-3/8"	600 lbs.		A	W-74-PSE		1/2"	2-7/16"
	2"	1,050 lbs.		B	GTB-0420-08			
5"	1-3/8"	700 lbs.		A	W-75-PSE		3/8"	1-3/4"
	1-1/2"	1,000 lbs.		B	GTB-0515-08		1/2"	1-7/8"
	2"	1,200 lbs.		B	GTB-0520-08			2-7/16"
6"	2"	1,500 lbs.		B	GTB-0620-08		3/4"	2-3/4"
	2-1/2"	1,500 lbs.		A	W-806-PSE			3-1/2"
		2,300 lbs.		B	GTB-0625-12		1/2"	2-7/16"
8"	2"	1,800 lbs.		B	GTB-0820-08			3-1/2"
	2-1/2"	2,400 lbs.		B	GTB-0825-12		3/4"	3-1/2"
10"	3"	3,400 lbs.		B	GTB-1030-16		1"	

GLASS FILLED NYLON (MAXIM)

-45°F to +350°F.
85(±5) Durometer Shore 'D' scale.

Options

- Delrin Bearings.
- Roller Bearings.



Maxim wheels feature an exclusive, ultra tough glass filled nylon compound that resists hard impacts and drop shock. The wheel is impervious to most chemicals, solvents, salts, gases, alkalies and steam cleaning. NSF listed for food service industry. The wheel is non-marking.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	PART NUMBER	HUB W/BUSHING BORE	LENGTH
4"	2"	640 lbs.	Roller	5.00004.539	1/2"	2-7/16"
5"		800 lbs.		5.00005.539		
6"		960 lbs.		5.00006.539		
8"		1,120 lbs.		5.00007.539		

POLYOLEFIN / POLYPROPYLENE WHEELS

-45°F to +220°F.
65(±5) Durometer Shore 'D' scale.



A

Options

- Ball Bearings.

-20°F to +180°F.
65(±5) Durometer Shore 'D' scale.



B

Options

- Delrin Bearings.
- Ball Bearings.
- Roller Bearings.
- Brass Bearings.

Polyolefin wheels have a hard tread, light weight and offer non-marking floor protection. Impact resistance is superior to that of hard rubber wheels.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
2-1/2"	1-1/4"	200 lbs.	Delrin	A	2.00002.53	Black Polyolefin	3/8"	1-1/2"
3"	7/8"	125 lbs.	Delrin	A	1.00003.53	Black Polyolefin	5/16"	1-7/32"
3-1/2"	1-1/4"	250 lbs.	Delrin	A	2.00003.53	Black Polyolefin	3/8"	1-1/2"
4"	7/8"	135 lbs.	Delrin	A	1.00004.53	Black Polyolefin	5/16"	1-7/32"
	1-1/4"	275 lbs.	Delrin	A	2.00004.53	Black Polyolefin	3/8"	1-1/2"
5"	7/8"	145 lbs.	Delrin	A	1.00005.53	Black Polyolefin	5/16"	1-7/32"
	1-1/4"	300 lbs.	Delrin	A	2.00005.53	Black Polyolefin	3/8"	1-1/2"
	2"	650 lbs.	Roller	B	5.00005.839	Black Polypropylene	1/2"	2-7/16"
6"	2"	700 lbs.	Roller	B	5.00006.839	Black Polypropylene		
8"	2"	900 lbs.	Roller	B	5.00008.839	Black Polypropylene		

NYLON WHEELS



-22°F to +190°F.
70(±5) Durometer Shore 'D' scale.

Options

- Delrin Bearings.
- Brass Bearings.
- NSF Approved.

The molded Nylon #6 white wheel is excellent around wash down and wet conditions. Ideal for use in poultry and meat packing houses. Shiny white instantly shows dirt missed in steam cleaning.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
5"	1-1/2"	600 lbs.	Roller	NY-5150-RB3/4	White Nylon	1/2"	1-7/8"
	2"	1,000 lbs.	Roller	NY-5200-RB3/4			2-7/16"
6"	1-1/2"	800 lbs.	Roller	NY-6150-RB3/4			1-7/8"

FULL PNEUMATIC WHEELS

-20°F to +160°F.



A



B*



C

Full Pneumatic wheels offer the maximum in floor protection and move freely over obstructions and rough floors. These wheels provide smooth, shock resistant operation for delicate instruments and breakable components. They come with separate inner tube and 8" and 10" pneumatic wheels have heavy gauge 3 piece metal hub assemblies.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BORE	BEARING LENGTH
8"	2"	295 lbs.	Ball	A	WHL-D9	Offset Hand truck	5/8"	2-1/4"
				A	4.00008.93	Centered Caster Whl.	3/4"	3-1/8"
10"	2-3/4"	250 lbs.		A	4.00010.93	Centered Caster Whl.	3/4"	3-3/4"
		300 lbs.		A	WHL-D5	Offset Hand truck 4Ply	5/8"	2-1/4"
				B	WHL-D6A	Flat Free Hand Truck Whl.		
16"	4"	550 lbs.		C	10-002FW(3.5")	Wheelbarrow Whl.	3/4"	3-1/2"

B* - Solid Microcellular Foam.

Replacement Tubes & Tires.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	SIZE
8"	2"	-	-	D	TIRE 10-029	8" TIRE 4PLY	2.80/2.50X4
		-	-	E	TUBE 10-129	8" TUBE STD. STEM	
10"	2-3/4"	-	-	D	TIRE 10-0364PLY	10" TIRE 4PLY	4.10/3.50X4
		-	-	E	TUBE10-130	10" TUBE STD. STEM	



D

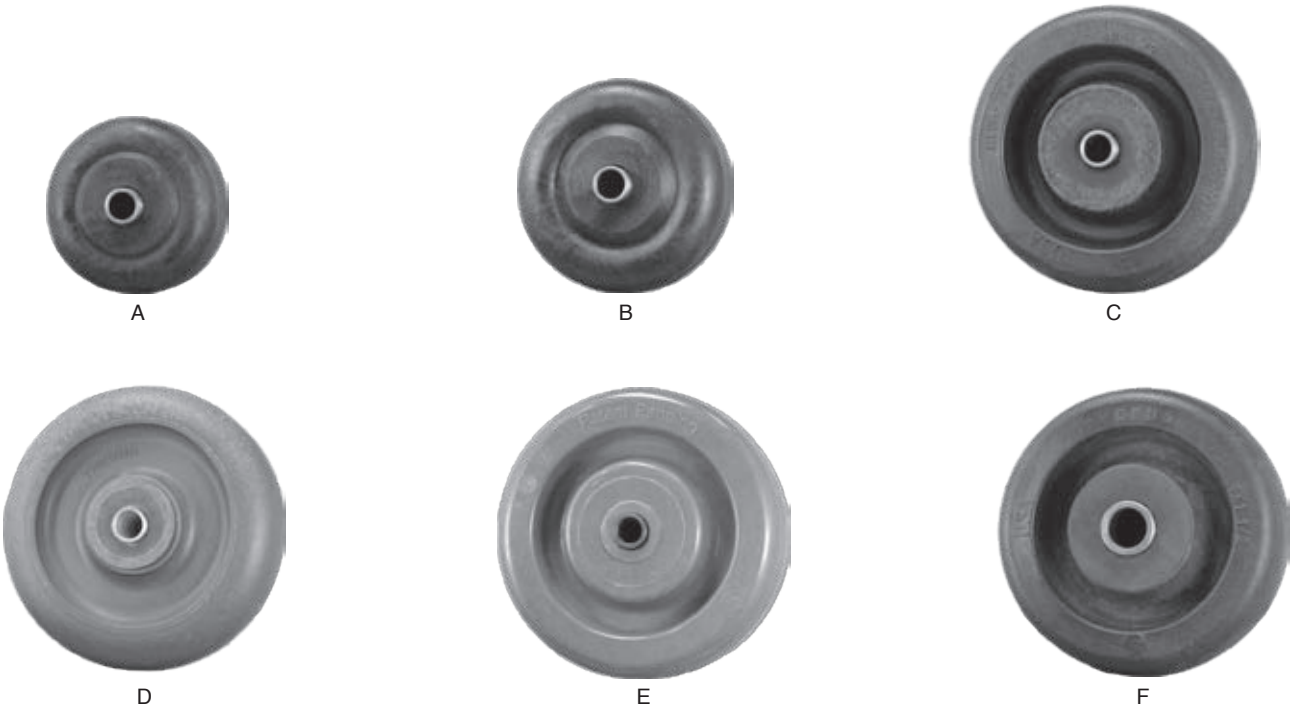


Std. Stem
Parallel to
Axle.

E

HIGH TEMPERATURE WHEELS

-70°F to +525°F intermittent (475°F continuous).
85(±5) Durometer Shore 'D' scale.



High temperature wheels have a continuous duty temperature rating of +475°F (+525°F intermittent).

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
2-1/2"	1-3/8"	400 lbs.	Plain	A	RM-25-171C	Thermo Resin	3/8"	1-5/8"
3"		600 lbs.	Plain	B	RM-3-171C	Thermo Resin		
4"	1-1/2"	300 lbs.	Plain	C	FVR-4H5	Nylon Glass		1-1/2"
	1-1/4"	300 lbs.	Plain	D	2.4.52(HT)	Thermo Resin		
	1-1/2"	700 lbs.	Ball Bearing	E	FVT-4K3	Epoxy Resin	1/2"	1-5/8"
	1-1/2"	700 lbs.	Plain	F	4.4.812(HT)	Thermo Resin		1-7/8"

MOLD-ON POLYURETHANE WHEELS

-65°F to +212°F.
95 Durometer Shore 'A' scale.



A

-40°F to +180°F.
95(±5) Durometer Shore 'A' scale.



B

The aluminum core wheel provides a tough, resilient polyurethane interlocked to a heavy section die cast aluminum core. This provides high load capacity, quiet, easy rolling coupled with floor protection and tread retention in abusive conditions. The iron core wheels are liquid cast and chemically bonded to the machined iron cores. This yields a wheel with capabilities near that of steel wheels yet providing good floor protection. Both wheels are capable of continuous use in industrial applications.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	HUB MATERIAL	HUB W/BUSHING BORE	LENGTH
4"	2"	700 lbs.	Roller	B	UIR-0420-08	Cast Iron	1/2"	2-7/16"
5"	2"	1,050 lbs.	Roller	B	UIR-0520-08	Cast Iron		
		1,500 lbs.	Roller	A	WS-38205	Cast Aluminum		
6"	2"	1,230 lbs.	Roller	B	UIR-0620-08	Cast Iron	3/4"	3"
		1,500 lbs.	Roller	A	WS-38206	Cast Aluminum		
		1,620 lbs.	Roller	B	UIR-0625-16-YY	Cast Iron		
	2-1/2"	1,620 lbs.	Roller	B	UIR-0625-16	Cast Iron	1/2"	3-1/2"
		1,750 lbs.	Roller	A	WS-38256	Cast Aluminum		
		2,000 lbs.	Roller	B	UIR-0630-16	Cast Iron		
	3"	2,000 lbs.	Tapered Roller	B	UIT-0630-16	Cast Iron TRB	3/4"	3-1/2"
		1,500 lbs.	Roller	B	UIT-0820-12	Cast Iron		
8"	2"	1,500 lbs.	Roller	A	WS-38208	Cast Aluminum	1/2"	2-7/16"
		1,750 lbs.	Roller	A	WS-38258	Cast Aluminum		
		1,800 lbs.	Roller	B	UIR-0825-16-YY	Cast Iron		
	2-1/2"	1,800 lbs.	Roller	B	UIR-0825-16	Cast Iron	3/4"	3"
		2,500 lbs.	Roller	B	UIR-0830-16	Cast Iron		
		2,500 lbs.	Roller	B	UIR-0830-16	Cast Iron		
	3"	2,500 lbs.	Roller	B	UIR-0830-16	Cast Iron	3/4"	3-1/2"
		2,500 lbs.	Roller	B	UIR-0830-16	Cast Iron		
10"	2-1/2"	1,750 lbs.	Roller	A	WS-38250	Cast Aluminum	1/2"	3"
		2,370 lbs.	Roller	B	UIR-1025-16-YY	Cast Iron		
		2,370 lbs.	Roller	B	UIR-1025-16	Cast Iron		
	3"	3,000 lbs.	Tapered Roller	B	UIT-1030-12	Cast Iron TRB	3/4"	3-1/2"
		3,400 lbs.	Roller	B	UIT-1030-16	Cast Iron		
		3,400 lbs.	Tapered Roller	B	UIT-1030-20	Cast Iron TRB		
	4"	4,200 lbs.	Tapered Roller	B	UIT-1030-20	Cast Iron TRB	1 1/4"	4-1/2"
		4,200 lbs.	Tapered Roller	B	UIT-1030-20	Cast Iron TRB		
12"	3"	3,400 lbs.	Tapered Roller	B	UIT-1230-12	Cast Iron TRB	3/4"	3-1/2"
		3,400 lbs.	Roller	B	UIR-1230-16	Cast Iron		

POLYURETHANE ON POLYOLEFIN WHEELS

-45°F to +180°F.
90(±5) Durometer Shore 'A' scale.

-45°F to +180°F.
55(±5) Durometer Shore 'D' scale.



A



B



C

Options

- Delrin Bearings.
- Ball Bearing.
- Roller Bearing.
- Brass Bearings.

Polyurethane bonded to polyolefin core. This design adds strength for loads subject to shock and hard impact. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Resistant to most chemicals, solvents, water and acids.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HARDNESS DUROMETER	HUB W/BUSHING BORE	LENGTH
2"	15/16"	90 lbs.	Plain	A	PLY-2B1	Plastic Core	90 Shore A±5	1/4"	1"
2-1/2"	1-1/4"	250 lbs.	Delrin	B	2.00002.91	Polyolefin Core	55 Shore D±5	3/8"	1-1/2"
			Ball	B	2.00002.95			5/16"	1-7/32"
3"	7/8"	100 lbs.	Delrin	B	1.00003.91	Plastic Core	90 Shore A±5	3/8"	1-5/8"
	1-1/4"	220 lbs.	Ball	B	PLY-3J3			3/8"	1-5/8"
3-1/2"	1-1/4"	250 lbs.	Delrin	B	2.00003.91	Polyolefin Core	55 Shore D±5	3/8"	1-1/2"
			Ball	B	2.00003.95			3/8"	1-1/2"
4"	7/8"	125 lbs.	Delrin	B	1.00004.91			5/16"	1-7/32"
	1-1/4"	275 lbs.	Delrin	B	2.00004.91			3/8"	1-1/2"
			Ball	B	2.00004.95			1/2"	2-7/16"
	2"	600 lbs.	Roller	C	5.00004.929			1/2"	2-7/16"
5"	7/8"	140 lbs.	Delrin	B	1.00005.91			5/16"	1-7/32"
	1-1/4"	300 lbs.	Delrin	B	2.00005.91			3/8"	1-1/2"
			Ball	B	2.00005.95			1/2"	2-7/16"
	2"	750 lbs.	Roller	C	5.00005.929			3/4"	3-1/2"
6"	2"	900 lbs.	Roller	C	5.00006.929				
8"	2"	1,000 lbs.	Roller	C	5.00008.929				
10"	2-1/2"	1,200 lbs.	Roller	C	7.00010.959.2				



OMEGA WHEELS

The Omega wheel is a patented non-pneumatic wheel developed for impact absorbing applications. This polyurethane wheel achieves its load bearing capabilities and enhanced impact absorption through a patented web/spoke structure. When the wheel encounters an obstacle, it deflects as it travels over the obstacle cushioning the load, then rebounds to its original shape.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
6"	2"	1,000 lbs.	Roller	UOR-0620-08	Web/Spoke Polyurethane	1/2"	2-7/16"
8"	2"	1,200 lbs.	Roller	UOR-0820-08		3/4"	3-1/2"
	3"	1,600 lbs.	Tapered	UOT-0830-12			
10"	3"	2,000 lbs.	Tapered	UOT-1030-12			

MOLD-ON RUBBER WHEELS

-45°F to +160°F.
70(±5) Durometer Shore 'A' scale.



A

-30°F to +180°F.
65 - 70 Durometer Shore 'A' scale.



B

These wheels are quiet in operation and absorb shock and vibration. The aluminum core model has the added advantage of light weight.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	HUB MATERIAL	HUB W/BUSHING BORE	LENGTH
4"	2"	400 lbs.	Roller	A	5.00004.649.7	Cast Iron	1/2"	2-7/16"
5"	2"	350 lbs.	Ball	B	5X2X5/8"BB-O-R	Die Cast Alum.	5/8"	1-3/4"
		400 lbs.	Roller	A	5.00005.649.7	Cast Iron	1/2"	2-7/16"
6"	1-1/2"	320 lbs.	Ball	B	6X1.5X5/8"BB-R	Die Cast Alum.	5/8"	1-3/4"
	2"	450 lbs.	Roller	A	5.00006.649.7	Cast Iron	1/2"	2-7/16"
	2-1/2"	540 lbs.	Roller	A	7.00006.669.7	Cast Iron	3/4"	3-1/2"
8"	1-5/8"	450 lbs.	Ball	B	WHL-815-R-O	Die Cast Alum.	5/8"	1-3/4"
			Ball	B	WHL-815-2"HUB	Die Cast Alum.		2"
			Ball	B	WHL-815-R	Die Cast Alum.		2-1/4"
	2"	500 lbs.	Roller	A	5.00008.649.7	Cast Iron	1/2"	2-7/16"
	2-1/2"	670 lbs.	Roller	A	7.00008.669.7	Cast Iron	3/4"	3-1/2"
	3"	840 lbs.	Roller	A	7.00008.679.7	Cast Iron		
10"	2-1/2"	800 lbs.	Ball	B	10X2-1/2X1"BB-R	Die Cast Alum.	1"	2-3/4"
		790 lbs.	Roller	A	7.00010.669.7	Cast Iron	3/4"	3-1/2"
	3"	1,000 lbs.	Roller	A	7.00010.679.7	Cast Iron		
12"	3"	1,140 lbs.	Roller	A	7.00012.679.7	Cast Iron		

HARD/SOFT RUBBER WHEELS

-40°F to +180°F.
75(±5) Durometer Shore 'D' scale.
(Hard Rubber)



A

-20°F to +160°F.
75(±5) Durometer Shore 'A' scale.
(Soft Rubber)



B

Provide good floor protection and quiet operation. Solid rubber wheels are molded into a single unit of rubber compound and are furnished with a soft or hard tread.

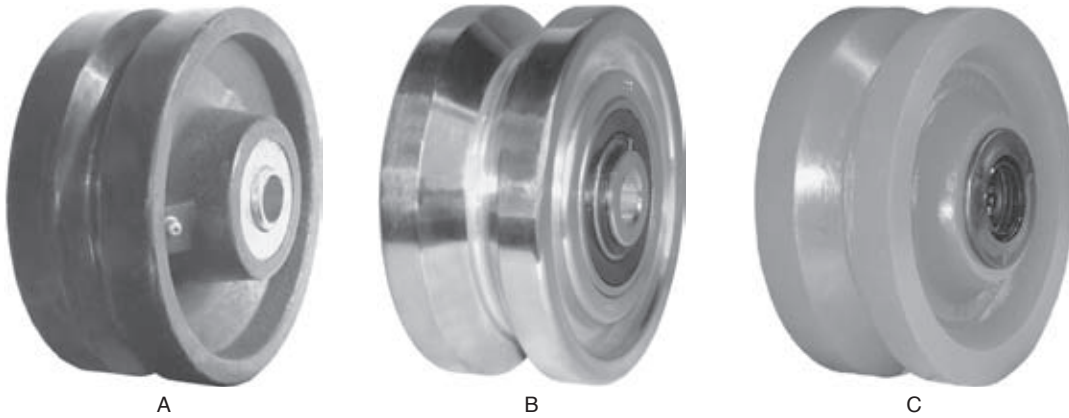
WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB	
							BORE	LENGTH
2"	15/16"	90 lbs.	Nylon	B	SR-2B1	Soft Rubber Blk.	1/4"	1"
		125 lbs.	Nylon	A	HR-2B1	Hard Rubber Blk.		
	13/16"	80 lbs.	Self lube	B	WD-6009G	Baco (Soft Rub.) Gray		63/64"
	1"	100 lbs.	Self lube	B	WD-6102	Baco (Soft Rub.)		1"
2-1/2"	1-1/8"	120 lbs.	Self lube	B	WD-61025	Baco (Soft Rub.)	7/16"	1-5/16"
		175 lbs.	Self lube	B	WD-91025	Atlasite (Hard Rub.)		
	1-1/16"		Nylon	B	HR-25F2	Hard Rubber Blk.	5/16"	1-3/8"
		100 lbs.	Nylon	B	SR-25F2	Soft Rubber Blk.		
3"	13/16"	100 lbs.	Self lube	B	WD-6013	Baco (Soft Rub.)	1/4"	15/16"
		125 lbs.	Self lube	B	WD-9013	Atlasite (Hard Rub.)		
	1"	100 lbs.	Nylon	A	SR-3D2	Soft Rubber Blk.	5/16"	1-5/32"
		125 lbs.	Nylon	A	HR-3D2	Hard Rubber Blk.		
	1-1/4"	125 lbs.	Self lube	B	WD-6103	Baco (Soft Rub.)	3/8"	1-9/16"
			Roller	B	WR-6203	Baco (Soft Rub.) RB		
			Self lube	B	WD-9103	Atlasite (Hard Rub.)		
		210 lbs.	Roller	B	WR-9203	Atlasite (Hard Rub.) RB		
4"	7/8"	110 lbs.	Self lube	B	WD-6014	Baco (Soft Rub.)	5/16"	1-5/32"
		135 lbs.	Self lube	B	WD-9014	Atlasite (Hard Rub.)		
	1-1/4"	165 lbs.	Nylon	A	SR-4F3	Soft Rubber Blk.	3/8"	1-7/16"
		255 lbs.	Nylon	A	HR-4F3	Hard Rubber Blk.		
5"	15/16"	125 lbs.	Self lube	B	WD-6015	Baco (Soft Rub.)	5/16"	1-5/32"
		145 lbs.	Self lube	B	WD-9015	Atlasite (Hard Rub.)		
	1-1/4"	175 lbs.	Nylon	A	SR-5F3	Soft Rubber Blk.	3/8"	1-7/16"
		260 lbs.	Nylon	A	HR-5F3	Hard Rubber Blk.		

WHEELS

V-GROOVE WHEELS

-45°F to +250°F.

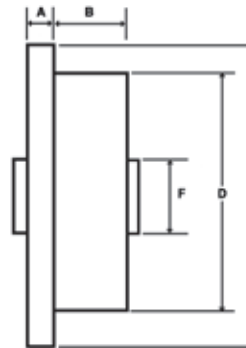
-20°F to +200°F Intermittent (0°F to +175°F continuous).
95 Durometer Shore 'A' scale.



For production lines that use angle iron track to guide loads. Solid Polyurethane V-groove wheel provides floor protection and reduced noise.

WHEEL DIAMETER	TREAD WIDTH	DYNAMIC LOAD	BEARING	STYLE	PART NUMBER	DESCRIPTION	HUB W/BUSHING BORE	LENGTH
4"	1-3/4"	3,000 lbs.	Ball Bearing	B	VG4020-08-MVG	Machined Steel	1/2"	2"
	2"	300 lbs.	Roller	C	VG4020-12-U	Polyurethane		2-7/16"
		800 lbs.		A	5.00004.739	Semi Steel		
6"	1-3/4"	6,000 lbs.	Ball Bearing	B	VG6020-10-MVG	Machined Steel	5/8"	2"
	2"	1,200 lbs.	Roller	A	5.00006.739	Semi Steel	1/2"	2-7/16"
	2-1/2"	2,500 lbs.		A	7.00006.769	Semi Steel		
	3"	8,000 lbs.		A	7.00006.789	Forged Steel		
		2,500 lbs.	Roller	A	7.00008.779	Semi Steel	3/4"	3-1/2"

FLANGED WHEELS

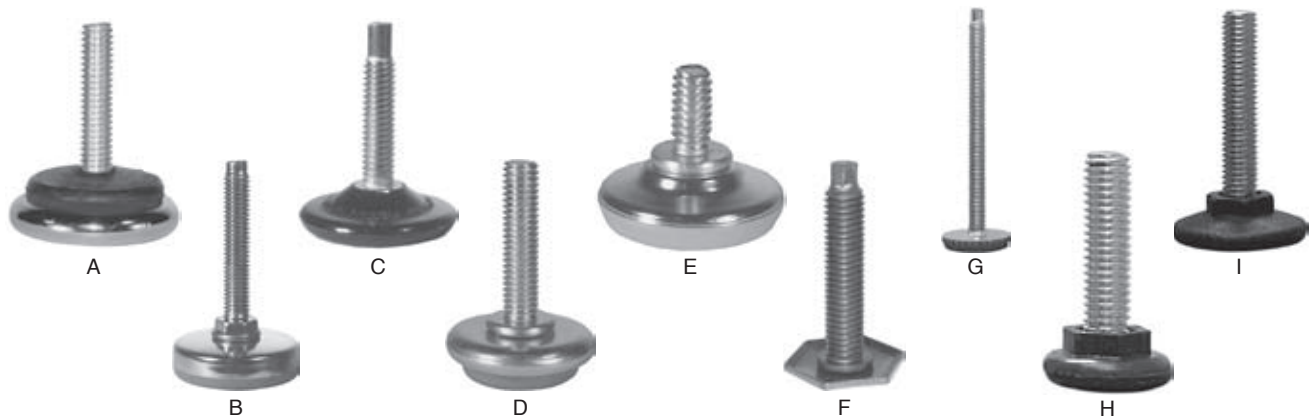


Designed to operate on steel track. Minimizes rolling effort and aids guidance. Superior wear factor to "V" groove wheels. Excellent for use in traveling crane facilities, skips, railroads and amusement parks, and heavy transport operations.

WHEEL DIAMETER (D)	DYNAMIC LOAD	BEARING	PART NUMBER	DESCRIPTION	HUB W/BEARING BORE	LENGTH	DIMENSIONS				
							A	B	C	D	F
4" x 1-7/16"	1,800 lbs.	Roller	FL-4200-DU-RB	Ductile Iron	5/8", 3/4", 1"	2-3/16"	7/16"	1-7/16"	5"	4"	2-1/4"
5" x 1-7/16"		Roller	FL-5200-DU-RB			2-3/16"	7/16"	1-7/16"	6"	5"	2-1/4"
6" x 1-7/16"	2,000 lbs.	Roller	FL-6200-DU-RB			2-3/16"	7/16"	1-7/16"	6-7/8"	6"	2-1/4"
8" x 1-9/16"		Roller	FL-8200-DU-RB			2-3/16"	7/16"	1-9/16"	9"	8"	3-1/2"
7-3/4" x 2-1/2"	8,500 lbs.	Plain	FL-9400-DU-P		1-1/2"	3-11/16"	5/8"	2-1/2"	9-1/2"	7-3/4"	4-3/16"
10" x 3"	8,000 lbs.	Roller	FL-10400-DU-RB		1-1/4" or 1-1/2"	4-1/4"	1"	3"	12"	10"	4"

Page Left Blank

NON-SWIVEL THREADED GLIDES



These glides have threaded stems for attachment using a nut, threaded adapter or threaded insert found on Pg. 81. Most can be used to level furniture and equipment. Supplied with metal, nonskid and plastic bases as listed.

THREAD	STUD LENGTH	BASE DIAMETER	STYLE	BASE MATERIAL	PART NUMBER
1/4"-20	1/2"	1-1/8"	E	White Plastic - Nickel Plated Hood	GT080-P
	15/16"	1-1/4"	A	Cushion - Nickel Plated	GT210-C
	1"	7/8"	A	Cushion - Nickel Plated	GT120-C
		1-1/16"	A	Cushion - Nickel Plated	GT160-C
		1-7/16"	B	PVC - Nickel Plated Hood	GT065-S
		1-3/4"	B	White Plastic - Nickel Plated Hood	GT062-S
	1-1/2"	1-1/4"	A	Cushion - Nickel Plated	GT215-C
5/16"-18	15/16"	1-1/16"	A	Cushion - Nickel Plated	GT344-C
	1"	1-1/4"	D	Gray Non-Skid **	GT492-M
		1-3/4"	E	White Plastic - Nickel Plated Hood	GT390-M/G
	1-1/4"	1-1/2"	A	Cushion - Nickel Plated	GT392
	1-1/2"	1-3/8"	B	White Plastic - Nickel Plated Hood	GT320-C
		1-7/16"	C	Phenolic	GT480-S
			B	Gray Non-Skid **	GT440-G
	1-7/8"	1-3/8"	H	Black Plastic	GT377
	2"		B	White Plastic	GT530-C
	3-3/4"	1-1/8"	G	Brown Plastic	GT388-SU
3/8"-16	15/16"	1-1/4"	A	Cushion - Nickel Plated	GT570-C
	1-1/2"	7/8"	H	Black Plastic	GT675
		1-3/8"	B	Gray PVC - Nickel Plated Hood non-skid	GT635-C
		1-11/16"	B	White Plastic - Free Turning Hex	GT655-C
		1-3/4"	B	PVC - Nickel Plated Hood non-skid	GT640-S
	1-5/8"	1-9/16"	A	Cushion - Nickel Plated **	GT573-M/G
	1-7/8"	1-7/8"	C	Phenolic	GT670-S
	3-1/2"	1-3/4"	B	Gray PVC - Nickel Plated Hood non-skid	GT720-S
	5"		B	Gray PVC - Nickel Plated Hood non-skid	GT722-C
1/2"-13	1"	1-3/4"	B	Gray PVC - Nickel Plated Hood non-skid	GT749-G
		1-7/8"	I	Black Plastic	GT756
	1-3/16"	1"	F	Hex Base - Black Oxide **	GT692-LGR
	2-1/2"	1-5/8"	B	Gray Non-Skid	GT751-C
		1-11/16"	B	White Plastic - Nickel Plated Hood	GT752-C
		1-7/8"	I	Black Plastic	GT755

** - Limited Supply

SWIVEL THREADED GLIDES



A



B



C

These glides have threaded stems for attachment using a nut, threaded adapter or threaded insert found on Pg. 81. Most can be used to level furniture and equipment. They swivel allows for uneven floors and tipping. Supplied with metal and plastic bases as listed.

THREAD	STUD LENGTH	BASE DIAMETER	STYLE	BASE MATERIAL	PART NUMBER
1/4-20	1"	1-1/8"	A	White Plastic w/Hex Base	GT190-C
		1-3/16"	B	Nickel Plated Steel	GT220-C
		1-1/4"	C	Nylon Natural - Nickel Plated Hood	GT255-C
5/16-18	1"	1-1/8"	A	White Plastic w/Hex Base	GT340-C
3/8-16	1-1/2"	1-1/8"	A	White Plastic w/Hex Base	GT565-SU

NAIL-IN GLIDES

A



B



C



D

These glides nail into wood furniture or equipment. Supplied with metal, nonskid and plastic bases as listed.

BASE DIAMETER	STYLE	BASE MATERIAL	PART NUMBER
1/2"	C	Nickel Plated Steel	GN280-H
5/8"	C	Nickel Plated Steel	GN300-H
11/16"	D	White / Brown / Black - (Plastic)	GN345-IF / GN346-IF / GN347-DH
3/4"	C	Nickel Plated Steel	GN340-H
7/8"	A	Cushion - Nickel Plate	GN060-HE
15/16"	A	Cushion - Nickel Plate	GN080-C
1"	C	Nickel Plated Steel	GN350-H
1-1/16"	A	Cushion - Nickel Plate	GN160-C
1-1/8"	B	Cushion Nylon	GN255-C
1-3/16"	A	Cushion - Nickel Plate	GN180-C
1-1/2"	A	Cushion - Nickel Plate **	GN260-M

** - Limited Supply

FELT GLIDES

A



B



C

These felt based glides nail into the bottom of wood furniture and give excellent protection on wood or tile floors.

BASE DIAMETER	STYLE	NAIL/THREAD LENGTH	BASE MATERIAL	PART NUMBER
3/4"	A	11/16"	Felt - w/Nail	GF034-S/C
1"	B	11/16"	Felt - w/Nail	GF100-S/C
	C	1/2"	Felt - with 1/4-20 Thread	GF100-1/4-20S

ROUND AND SQUARE TUBING GLIDES



These umbrella spring clip glides are for tubular legs. Supplied with metal, rubber and plastic bases as listed.

TUBING O. D.	BASE DIAMETER	STYLE	BASE MATERIAL	FASTENING	BASE TYPE	PART NUMBER
9/16"	1-3/16"	A	White Plastic - Nickel Plated Hood	Inside hold Rd.	Swivel	GR050-C
5/8"		A	White Plastic - Nickel Plated Hood	Inside hold Rd.	Swivel	GR085-C
11/16"		A	White Plastic - Nickel Plated Hood	Outside hold Rd.	Swivel	GR125-C
3/4"		A	White Plastic - Nickel Plated Hood	Inside hold Rd.	Swivel	GR105-C
1"	1"	B	Nickel Plated Steel	Inside hold Rd.	Swivel	GR190-C
7/8"	1-9/16"	C	Cushion - Nickel Plated	Inside hold Rd.	Swivel	GR370-C
7/8"	1-1/16"	C	Cushion - Nickel Plated **	Inside hold Rd.	Non-Swivel	GR530-M
7/8"		D	Cushion - Nickel Plated	Inside hold Sq.	Swivel	GS050-C
1"		D	Cushion - Nickel Plated	Inside hold Sq.	Swivel	GS100-C

** - Limited Supply

GLIDES

MISCELLANEOUS GLIDES



A



B



C



D



E



F

MOUNTING DIMENSIONS	BASE	STYLE	BASE MATERIAL	WHERE USED	PART NUMBER
5/8"	9/16" x 3/4"	A	Clear Plastic	Horizontal Pipe	GH701-AL
1"	7/8"	A	Clear Plastic	Horizontal Pipe	GH700-AL
3/4"	-	B	Black Plastic	Square Pipe	41175
13/16"	-	B	Black Plastic	Square Pipe	41180
7/8"	-	C	Black Plastic	Square Pipe	ECI-22X22ROCKER
1"	-	D	Clear Plastic	Square Pipe	RBC87518C
1"	-	B	Black Plastic	Square Pipe	RBC10018 BLK
1-7/32"	1-7/32"	E	White Plastic	Wrought Iron Cup	SN201
1-1/4"	1-1/4"	F	Black Plastic	Wrought Iron Cup	FGB114
		F	White Plastic	Wrought Iron Cup	FGW114
		F	Black Plastic	Wrought Iron Cup	FGB112
		F	White Plastic	Wrought Iron Cup	FGW112
1-1/2"	1-1/2"	E	White Plastic	Wrought Iron Cup	SN250

CRUTCH TIPS



A



B



C

INSIDE DIAMETER	STYLE	BASE MATERIAL	PART NUMBER
3/8"	B	Rubber Crutch Tip White or Black	RT-03-(WH or BLK)
	C	Plastic Crutch Tip White only	PT-03-WH
1/2"	B	Rubber Crutch Tip White or Black	RT-04-(WH or BLK)
	C	Plastic Crutch Tip White only	PT-04-WH
5/8"	B	Rubber Crutch Tip White or Black	RT-05-(WH or BLK)
	C	Plastic Crutch Tip White only	PT-05-WH
3/4"	B	Rubber Crutch Tip White or Black	RT-06-(WH or BLK)
	C	Plastic Crutch Tip White or Black	PT-06-(WH or BLK)
7/8"	A	Heavy Plastic Tip Beige or Black	1087 (Beige or BLK)
	B	Rubber Crutch Tip White or Black	RT-07-(WH or BLK)
	C	Plastic Crutch Tip White only	PT-07-WH
1"	A	Heavy Plastic Tip Beige	1000-BE
	B	Rubber Crutch Tip White or Black	RT-08-(WH or BLK)
	C	Plastic Crutch Tip White only	PT-08-WH
1-1/8"	B	Rubber Crutch Tip White or Black	RT-09-(WH or BLK)
1-1/4"	B	Rubber Crutch Tip White or Black	RT-10-(WH or BLK)

PLASTIC INSERT GLIDES AND CAPS

Made of high-impact plastic. Can be used either as a load-bearing glide or tubing cap. Comes standard in black.



A



B



C



D

OUTSIDE DIMENSIONS	TUBING GAUGE	STYLE	PART NUMBER
1/2"	16-20	B	ECI-13X13
1/2" x 1"		B	ECI-13X25
5/8"	16	A	0632-16-BLK
	16-20	B	ECI-16X16
3/4"	16-20	B	ECI-19X19
13/16"	16-20	B	ECI-20X20
7/8"	14-20	B	ECI-22X22
1"	14-20	B	ECI-25X25
	14	A	1012-14-BLK
	10-14	B	ECI-25BX25B
	18	A	1132-18-BLK
1-1/4"	14-20	B	ECI-36X36
	14	A	1252-14-BLK
	18	A	1252-18-BLK
1-1/2"	10-14	B	ECI-38BX38B
	16	A	1502-16-BLK
	18	A	1502-18-BLK
1-3/4"	11	A	1752-11-BLK
	14	A	1752-14-BLK
2"	11	A	2022-11-BLK

OUTSIDE DIAMETER	TUBING GAUGE	STYLE	PART NUMBER
1/2"	16-20	D	ECI-13
5/8"	16-20	D	ECI-16
3/4"	16-20	D	ECI-19
7/8"	14	C	0870-14-BLK
	16-20	D	ECI-22
1"	14-23	D	ECI-25
	16	C	1000-16-BLK
	18	C	1000-18-BLK
1-1/4"	14	C	1250-14-BLK
1-1/2"	14	C	1500-14-BLK
2"	16	C	2000-16-BLK

Loc-A-Lign™

Designed for conditions where the foot is exposed to severe lateral impact or upward pressure such as frequent relocation or transporting of equipment.

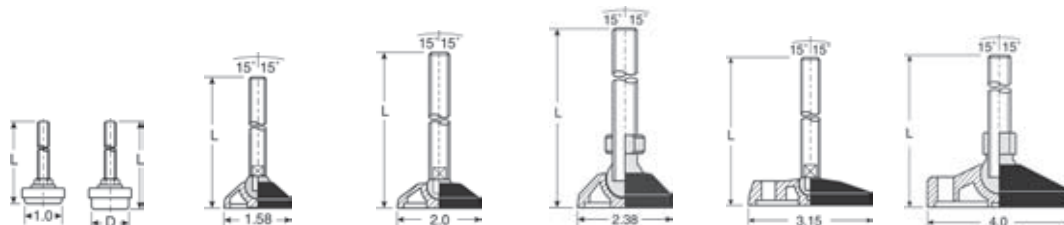
A fastener attached to the stem through the base is used to help prevent separation of the base from the stem.

Stem Materials

All leveler stems are available in either 300 series stainless steel for total protection against severe environments or zinc plated steel for economical corrosion resistance.

Base Materials

Corrosion resistant, reinforced polyamide offers superior strength and can operate continuously in temperatures up to 190° F. The VG-525 base material is cast Nylathane. The design allows the levelers to carry loads up to 9,900 pounds. Metal bases are either 300 series stainless steel or zinc plated steel and have load capacities up to 22,000 pounds.



Part Number	VG-580		VG-533	VG-537	VG-501	VG-505	VG-511
Static Load (lbs) <small>2:1 safety factor is included</small>	100	100 300	700	700	2000	2000	2600
Available Thread Diameters	5/16-18	5/16-18 (D=1.0) 3/8-16 (D=1.5) 1/2-13 5/8-11	5/16-18 8mm 3/8-16 10mm 1/2-13 12mm 5/8-11 16mm	5/16-18 8mm 3/8-16 10mm 1/2-13 12mm 5/8-11 16mm	1/2-13 12mm 5/8-11 16mm 3/4-10 20mm	3/8-16 10mm 1/2-13 12mm 5/8-11 16mm	1/2-13 12mm 5/8-11 16mm 3/4-10 20mm
Overall Length (L) ±1/8" <small>Note: Not all thread sizes are available in all lengths</small>	2.31"	2.31" 3.06" 3.98"	2.50" 3.70"	2.50" 3.70"	7.71" 10.71"	3.74"	7.69" 10.69"
Articulation	N/A	±15°	±15°	±15° Loc-A-Lign ±5°	±15°	±15°	±15° Loc-A-Lign ±5°
Loc-A-Lign™ Available	N/A	N/A	N/A	Yes	N/A	Yes	N/A
Vibration Pad	Standard on VG-580	VG-534	VG-538	VG-504	VG-506	VG-512	
Lag Holes Available	N/A	N/A	N/A	N/A	Single, Double	Single, Double	
Solid Base Available	N/A	N/A	N/A	VG-501D	VG-505D	N/A	
Socket Style	N/A	N/A	N/A	VG-501B	N/A	VG-511B	

LEVELING FEET

Lag Holes

Selected bases are available with single or double lag holes. Single lag holes are especially convenient when access to the base for anchoring purposes is limited.

Socket Style Bases

Sockets available in stainless or plated steel. For those applications where an existing stud is present or a custom spindle is required, we can provide a socket style base. Threaded rod for all socket sizes are available in carbon, zinc plated or stainless steel.

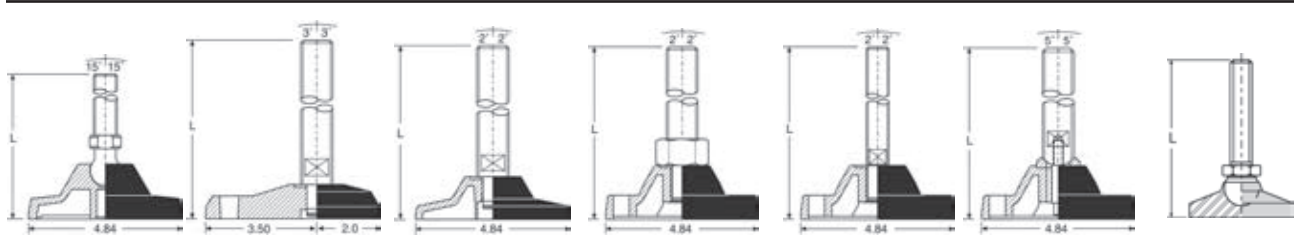
VG - 511 - 02 - S34- L7

Model #

Spindle Material/
Diameter

Base Style

Approx. OAL



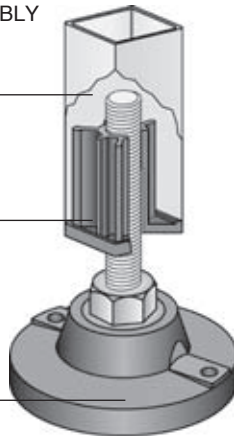
VG-513	VG-525	VG-517-K	VG-520	VG-520-K	VG-520-T	VG-590 Series
4400	7200	8000	9900	9900	9900	5000 - 22000
3/4-10 20mm 1-8 24mm	3/4-10 20mm 1-8 24mm 1 1/8-7 1 1/4-7	3/4-10 20mm 1-8 24mm 1 1/8-7 1 1/4-7	3/4-10 20mm 1-8 24mm	3/4-10 20mm 1-8 24mm 1 1/8-7 1 1/4-7	1-8 24mm 1 1/8-7 1 1/4-7	1/2-13 12mm 5/8-11 16mm 3/4-10 20mm 1-8
5.53" 8.15"	7.25" 9.81"	7.48" 7.50" 10.08" 10.10"	5.97" 7.48" 10.07"	7.50" 9.96" 10.09"	7.45" 9.95" 11.95"	1.5" - 9.88"
±15°	±3°	±2°	±2°	±2°	±5°	±15°
N/A	N/A	N/A	N/A	N/A	Yes	N/A
VG-514	N/A	VG-514	VG-514	VG-514	VG-514	N/A
N/A	Single	N/A	Double	Double	Double	N/A
N/A	VG-525	N/A	N/A	N/A	N/A	Standard
VG-513B	N/A	N/A	N/A	N/A	N/A	VG-590B Series

TYPICAL ASSEMBLY

Round or Square
Tubing

Tube End

Leveler



550

Threaded Sockets

Material: Reinforced polyamide with
brass threaded insert.

Usage: Conveyor and machinery
support.

	Part Number	A	B	C	L	S	Tube Size	Static Load
	VG-550-B38	3/8-16	1.50"	1.37"	1.71"	1.38"	1.50" O.D. x .065" Wall	1000 lbs.
	VG-550-B12	1/2-13						
	VG-550-B58	5/8-11						
	VG-550-B34	3/4-10						
	VG-550-BM16	16mm						
	VG-550-BM20	20mm						
	VG-551-B38	3/8-16	1.97"	1.69"	1.95"	1.54"	1-1/2" sch.#10 pipe	1760 lbs.
	VG-551-B12	1/2-13						
	VG-551-B58	5/8-11						
	VG-551-B34	3/4-10						
	VG-551-BM16	16mm						
	VG-551-BM20	20mm						
	VG-554-B38	3/8-16	1.91"	1.91"	1.95"	1.54"	2.00" O.D. x .065" Wall	1000 lbs.
	VG-554-B12	1/2-13						
	VG-554-B58	5/8-11						
	VG-554-B34	3/4-10						
	VG-554-BM16	16mm						
	VG-554-BM20	20mm						
	VG-552-B38	3/8-16	1.50"	1.37"	1.71"	1.38"	1.50" x .065" Wall or 1.50" x .075" Wall	1000 lbs.
	VG-552-B12	1/2-13						
	VG-552-B58	5/8-11						
	VG-552-B34	3/4-10						
	VG-552-BM16	16mm						
	VG-552-BM20	20mm						
	VG-553-B38	3/8-16	1.50"	1.26"	1.71"	1.38"	1.50" x .120" Wall	1000 lbs.
	VG-553-B12	1/2-13						
	VG-553-B58	5/8-11						
	VG-553-B34	3/4-10						
	VG-553-BM16	16mm						
	VG-553-BM20	20mm						
	VG-555-B38	3/8-16	2.00"	1.87"	1.96"	1.55"	2.00" O.D. x .065" Wall	1760 lbs.
	VG-555-B12	1/2-13						
	VG-555-B58	5/8-11						
	VG-555-B34	3/4-10						
	VG-555-BM16	16mm						
	VG-555-BM20	20mm						
	VG-556-B38	3/8-16	2.00"	1.78"	1.96"	1.55"	2.00" x .109" Wall or 2.00" x .120" Wall	1000 lbs.
	VG-556-B12	1/2-13						
	VG-556-B58	5/8-11						
	VG-556-B34	3/4-10						
	VG-556-BM16	16mm						
	VG-556-BM20	20mm						

NOTE: Tube Ends provide a friction fit and should be installed with a rubber hammer.

THREADED ADAPTERS



Fits into tubing to allow mounting of threaded stem casters & glides. Limited weight rating - call for application assistance.



THREAD	TUBING DIMENSIONS	PART NUMBER
1/4"-20	3/4"	GTS12-04
	13/16"	GTS13-04
	7/8"	GTS14-04
	1"	GTS16-04
5/16"-18	3/4"	GTS12-05
	7/8"	GTS14-05
	1"	GTS16-05
	1-1/16"	GTS17-05
	1-3/16"	GTS19-05
	1-1/4"	GTS20-05
	1-1/2"	GTS24-05
	2"	GTS32-05
3/8"-16	1"	GTS16-06
	1-1/4"	GTS20-06
	1-1/2"	GTS24-06
	2"	GTS32-06

THREAD	TUBING DIAMETER	PART NUMBER
1/4"-20	3/4"	GTR12-04
	7/8"	GTR14-04
	1"	GTR16-04
5/16"-18	3/4"	GTR12-05
	7/8"	GTR14-05
	1"	GTR16-05
	1-1/4"	GTR20-05
	1-1/2"	GTR24-05
	1-3/4"	GTR28-05
	2"	GTR32-05
3/8"-16	1"	GTR16-06
	1-1/4"	GTR20-06
	1-1/2"	GTR24-06
	2"	GTR32-06

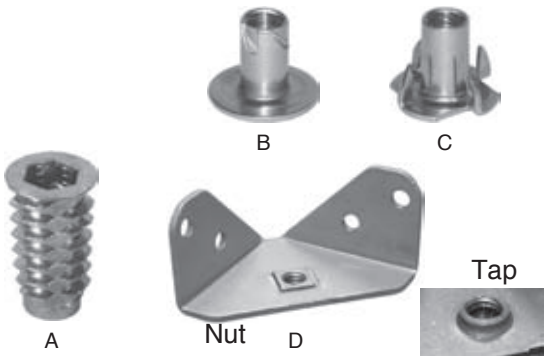
THREADED INSERTS & CORNERS

NYLON RETREAD CAPS



Nylon retread caps snap over worn glides, making them like new again. They fit almost every type of glide; swivel, nail-on and tapered ferrule. Natural nylon color.

BASE DIAMETER	PART NUMBER
1-3/16"	GH370-S
1-3/16" > 1-1/4"	GH410-S
1-3/16" > 1-1/4"	GH450-S
1-5/16" > 1-3/8"	GH570-S



THREAD	STYLE	PART NUMBER
1/4"-20	A	SCR-1/4X1/2
	A	SCR-1/4X3/4
	B	SPN-1/4X1/2
	B	SPN-1/4X9/16
	C	TN-1/4X3/8
	C	TN-1/4X9/16
5/16"-18	A	SCR-5/16X1
	B	SPN-5/16X5/8
	C	TN-5/16X3/8
	C	TN-5/16X5/8
	D	NI400-5/16 NUT
3/8"-16	A	SCR-3/8X1"
	B	SPN-3/8X7/16
	C	TN-3/8X7/16
	D	NI400-3/8 TAP
1/2"-13	B	SPN-1/2X3/8



Page 86

MODULAR ALUMINUM HAND TRUCKS

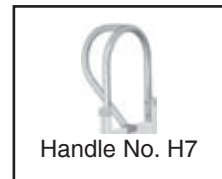
Built to YOUR Design

For delivery people a hand truck is the main tool of the trade. Having one that fits the product only makes your job easier. With our modular hand truck system, it's a simple matter of combining components into the most useful configuration.

Lets use a standard delivery truck as an example. We are moving boxed product of all different sizes. During delivery, curbs and stairs will be encountered.

STEP 1 Start by selecting a handle style that you prefer like number H7:

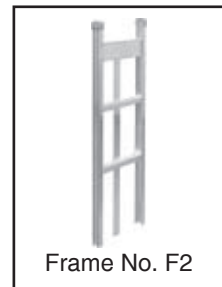
Model No. => H7



+

STEP 2 Then choose a frame that will keep small packages from slipping through the cross braces. Number F2:

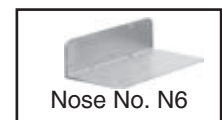
Model No. => H7 - F2



+

STEP 3 Next you'll need a nose that slips under boxes easily; number N6:

Model No. => H7 - F2 - N6



+

STEP 4 Seeing that it is possible for the truck to encounter snow and dirt a wide wheel is a good choice. Say number D5:

Model No. => H7 - F2 - N6 - D5



+

STEP 5 Last, add stair climbers number E1L:

Model No. => H7 - F2 - N6 - D5 - E1L

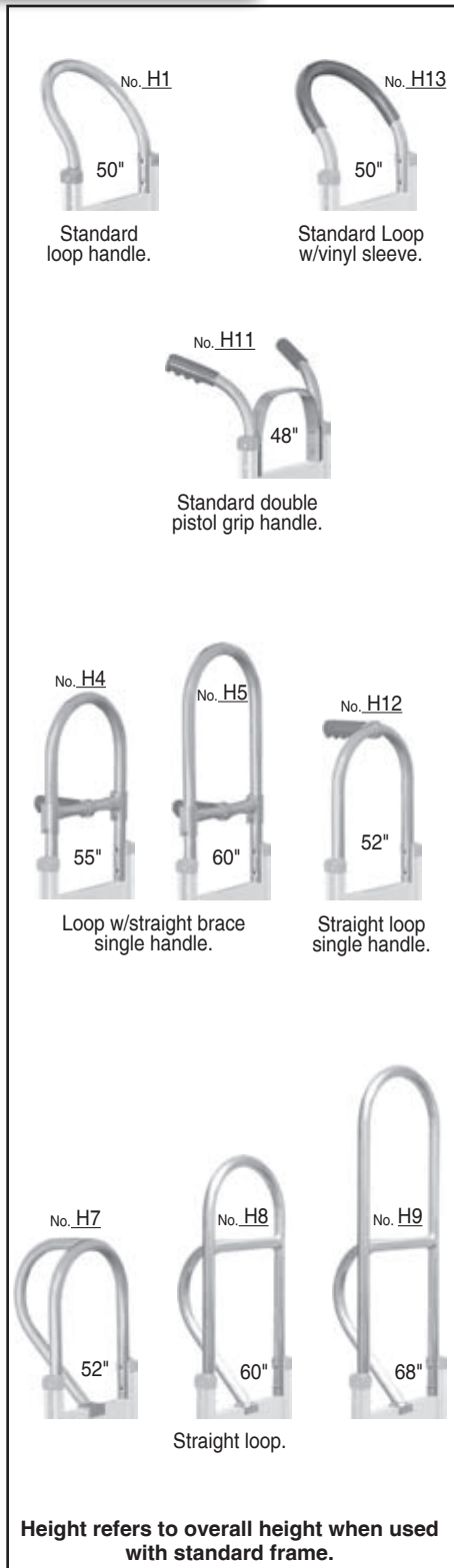


II

These simple steps produce a part number H7-F2-N6-D5-E1L. By duplicating these steps with the components on the following pages you can design a handtruck that fits your needs perfectly. We have components in stock for immediate construction of your custom handtruck.



HAND TRUCKS

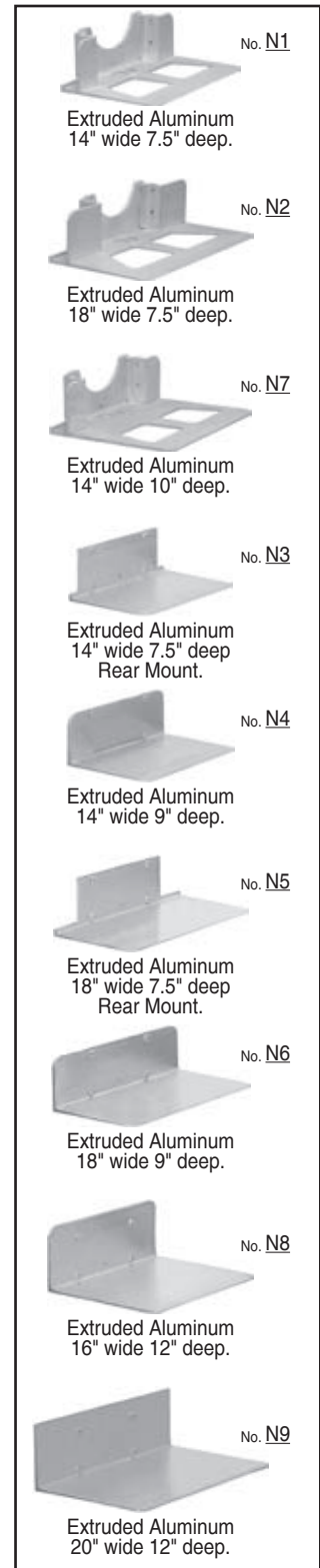


Handle



Frame

See Handles for Height.



Nose



+



+



+

Components available separately.

Mold-on Rubber



8" No. 815R.

Balloon Cushion Alum.



8" No. D11A.

Signature



10" No. SW2.
8" No. SW1.

Flat Free



10" No. D6A.
8" No. D7A.

Balloon Cushion



10" No. D10.
8" No. D11.


Pneumatic



10" 3 Piece Hub No. D5.
8" 3 Piece Hub No. D9.


Wheel

No. FN1




Low-profile formed plate 24".

No. FN2



Extruded aluminum channel 20".

No. FN3



Extruded aluminum channel 30".

Folding Nose

No. 4th



Retractable 5" caster assembly
supports load in inclined position.
Folds Flush against Frame.

Extras

No. S1



Cast Aluminum
Replaceable Polymer Skid Bars.

No. 1PC



All Steel Construction w/
built in 12" Ramp Slide.

No. E1L




Extruded Aluminum Stair
Climbers W/ Polymer Skip Bars.


Stair Climber

Height is Overall Height when used with
Standard Frame.


No. E68



No. E60



No. E52



52" 60" 68"

Hi-U Frame Extensions.

Extensions

-

+

-

+

-

+

-

+

-

+

-

CONVERTIBLE DELIVERY TRUCKS
ALUMINUM

RWM CONVERTIBLE

- Converts to 4 Wheels in Seconds.
- 1,000 Pound Capacity.
- Optional Deck Available.
- One Year Warranty.
- 4 Ply Tires.
- Extruded Aluminum Nose.



Senior



Junior

Converts to a Platform Truck in Seconds.



Press the release bar.

Frame slides down and your platform truck is ready!



CONVERTIBLE DELIVERY TRUCKS

ALUMINUM



Options

- Caster Brakes.
- Deck Plates.
- Stair Climbers (Senior only).
- Other Noses.
- Folding Nose.
- Double Grip Handle.

Senior in Platform Mode with Deck.

Specifications

DESCRIPTION	RWM JUNIOR	RWM SENIOR
Overall Width	20-1/4"	20-1/4"
Frame Width	12"	12"
Overall Length, Platform Mode	47-1/2"	56-1/2"
Height, as Hand Truck	52"	61-3/4"
Height, as Platform Truck	41-1/4"	46"
Platform Bed Length	38-1/4"	51"
Capacity, as Hand Truck	500 lbs.	500 lbs.
Capacity, as Platform Truck	1,000 lbs.	1,000 lbs.
Platform Height From Floor	10-3/4"	10-3/4"
Hand Truck Wheels 4Ply Pneu.	10" x 3-1/2"	10" x 3-1/2"
Casters	5" x 1-1/4"	5" x 1-1/4"
Nose (Extruded Aluminum)	18" x 9"	18" x 9"
Shipping Weight	~ 44 1/4 lbs.	~ 47 lbs.

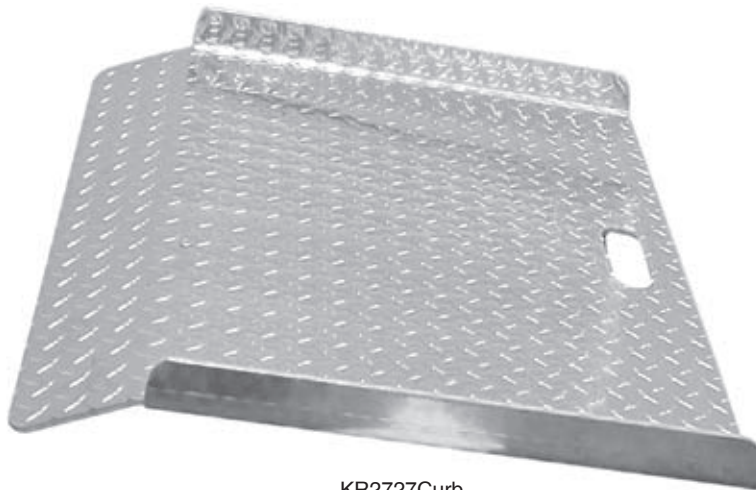
For steel convertible delivery trucks see pg. 92.



Accessory Bag

CURB RAMPS

See Dock board & Ramps on pgs. 122 - 123



KR2727Curb
Ramp

Features

- OVERALL WIDTH: 27".
- OVERALL LENGTH: 27".
- THICKNESS: $\frac{3}{16}$ ".
- SERVICE RANGE: 2.5" - 6".
- CAPACITY: 750 lbs.
- WEIGHT: 16 lbs.

Page Left Blank

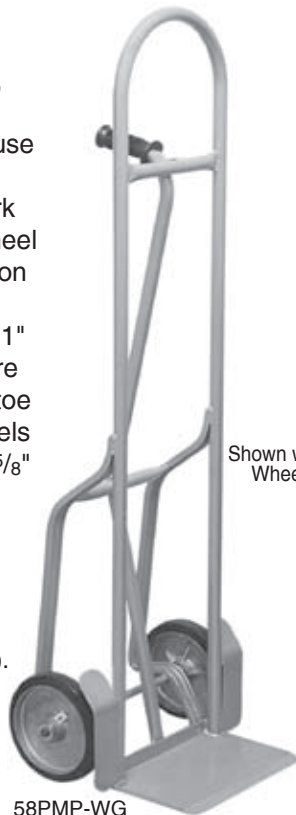
Standard Hand Truck Model 58P

Built for the professional, this series of versatile hand trucks is suitable for warehouse or delivery use. The stair climbers are designed to work specifically with matching wheel size to give a smooth transition from wheel to skid.

The frames are made of 1" 14 gauge tubing, the skids are 1-1/4" x 12" channel and the toe plates are 1/4" thick. All models except the heavy duty have 5/8" axles.

Features

- Axle: 5/8".
- Stair Climbers.
- Color: Silver (Powder Coated).
- Height: 55".
- Toe Plate: 7" x 13" x 1/4".
- Width: 17-1/2".
- Frame: 1", 14 Gauge Tubing.



58PMP-WG

Shown with optional
Wheel guards.

Options

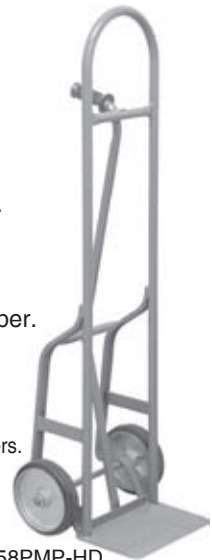
- Folding Nose.
- Wheel Guards.
- Skid stiffeners.
- Custom Colors.
- Larger Nose Plates.
- Balloon cushion Wheels.

Model 58PMP-HD

Constructed of heavier materials, this hand truck is designed for the toughest of jobs.

Features

- Axle: 3/4".
- Skid Stiffeners.
- Stair Climbers.
- Color: Blue (Powder Coated).
- Height: 55-1/4".
- Toe Plate: 7" x 13" x 1/4".
- Width: 17-3/4".
- Wheels: 8" x 2" Mold-on Rubber.
- Frame: 3/4" Pipe.
- Capacity: 900 lbs.



Skid Stiffeners.

58PMP-HD

Model 510P

Our 55" steel delivery hand trucks are also available with 10" wheels to fit your particular need. These hand trucks have the same high quality design and construction as our 8" wheel models.

Features

- Axle: 5/8".
- Stair Climbers.
- Color: Silver (Powder Coated).
- Height: 55".
- Toe Plate: 7" x 13" x 1/4".
- Width: 18-1/2".
- Frame: 1", 14 Gauge Tubing.

Shown with optional
folding nose.



510PNP-FN

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
58PBP	8" x 2-1/4" Balloon Cushion	55"	17-1/2"	700 lbs.	32.5 lbs.
58PMP	8" x 1-5/8" Mold-on Rubber			800 lbs.	32.5 lbs.
58PNP	8" x 2-1/2" Pneumatic			530 lbs.	35 lbs.
58PSP	8" x 2-1/2" Semi Pneumatic			700 lbs.	35 lbs.
58PMP-HD	8" x 2" Mold-on Rubber		18-1/2"	900 lbs.	44.5 lbs.
510PNP	10" x 2-1/2" Pneumatic			540 lbs.	39 lbs.
510PSP	10" x 2-1/2" Semi Pneumatic			700 lbs.	43 lbs.
510PCFP	10" x 2-3/4" Flat Free			500 lbs.	44 lbs.

See Page 105 for Wheel Descriptions.

DELIVERY TRUCKS STEEL

Features

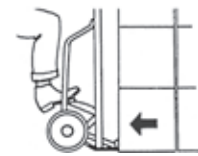
- Stair Climbers.
- Color: Blue (Powder Coated).
- Height: 55".
- Toe Plate: 7" x 13" x 1/4".
- Width: 18".
- Capacity: 800 lbs.

EZE-OFF Truck Model 100

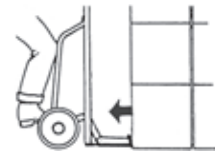
Load and unload quicker with no gaps between stacks. The EZE-OFF truck's push-off mechanism allows you to spot your load anywhere, flush against anything. When you step on the EZE-OFF bar the load is stationed right up against another stack to save valuable space. Because the job is done quicker and with less effort, it also saves on labor costs. Specially suited for supermarkets, bottle stores, warehouses, appliance stores, truckers, material handling and food distributors.



No. 1: Spot and level the load.



No. 2: Step down on EZE-OFF bar.



No. 3: Truck backs off by foot pressure.

Features

- Belt Stair Rollers.
- Color: Silver (Powder Coated).
- Height: 48".
- Toe Plate: 8" x 10" x 3/16".
- Width: 15-1/2".
- Capacity: 500 lbs.

Cylinder Truck Model 950

Designed for 10" diameter cylinder delivery to homes, hospitals and sanitariums; where stairs and curbs may be encountered. The stair rollers provide protection to all types of stairs. Pneumatic and Balloon cushion wheels available.



MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
100	8" x 1-5/8" Mold-on Rubber	55"	18"	800 lbs.	34 lbs.
950-21A		48"	15-1/2"	500 lbs.	32 lbs.

CONVERTIBLE DELIVERY TRUCKS STEEL

Three-Way Convertible Model 120

No fancy gadgets to manipulate for conversion. One gravity lever raises to pull out frame which snaps into 45° position. Simply release spring loaded pin to shift into platform position. NO LOCKING DEVICES needed for lowered position. Designed to be an ideal beverage, ice, carton and baggage handling truck. Can be used in all three positions at maximum loads.



120

For Aluminum convertible delivery trucks see pg. 86

Features

- Stair Climbers.
- Simple Conversion.
- Rugged Design.
- 3 Position Use.
- Heavy Duty uses Pipe Frame and 3/4" Axle.
- COLOR: Blue (Powder Coated).
- HEIGHT: 50".
- PLATFORM LENGTH: 50".
- TOE PLATE: 7" x 13" x 3/16".
- WIDTH: 19".



MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY HAND TRUCK	CAPACITY AS PLATFORM	WEIGHT
120	8" x 1-5/8" x 5/8" Mold-on Rubber - 4" casters	50"	19"	800 lbs.	800 lbs.	~62 lbs.
120-HD	8" x 2" x 3/4" Mold-on Rubber - 4" casters			800 lbs.	1,200 lbs.	~68 lbs.

FOLDING HAND TRUCKS

Salesman Truck Heavy Duty Model 904

A compact salesman truck that telescopes. A single fingertip control lever will increase the 26" height to an overall height of 41". Both Models have a 15" long folding nose for larger bulky objects.

**Features**

- 15" Folding Nose.
- COLOR: Blue (Powder Coated).
- HEIGHT: 26" Down 41" Up.
- PLATFORM LENGTH: 50".
- TOE PLATE: 5" x 12" x $\frac{3}{16}$ ".
- WIDTH: 17".
- CAPACITY: 500 lbs.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
904	5" x 2" x $\frac{5}{8}$ " Mold-on Rubber	41"	17"	500 lbs.	26 lbs.
904-8M	8" x 1- $\frac{5}{8}$ " Mold-on Rubber				28 lbs.
904-8N	8" x 2- $\frac{1}{2}$ " Pneumatic				30 lbs.

Handicart

For business, home, recreation or travel. A lightweight industrial hand truck, this folding hand truck carries equipment, heavy suitcases, samples, coolers and hundreds of other loads.

The frame is made of aircraft grade aluminum. With the push of a button the handle extends. Pull down the noseplate and the wheels move into working position. Features large 7" shock absorbing wheels.

Features

- Space Saving Folding Design.
- Cast Aluminum Toe Plate.
- Large 7 x 1- $\frac{3}{8}$ " Shock Absorbing Wheels.
- WIDTH: 19- $\frac{1}{2}$ ".
- CAPACITY: 275 lbs.
- FOLDED: 33" X 19- $\frac{1}{2}$ " X 3".



HANDICART-HEAVY



3" Wide



Side view

To Use:

1. Fold Down Toe Plate, Wheels Deploy Automatically.
2. Press Handle Button to Raise Handle.

MODEL NUMBER	WHEELS	HEIGHT	NOSE LENGTH	WIDTH	CAPACITY	WEIGHT
HANDICART-HEAVY	7"	42- $\frac{1}{2}$ "	13- $\frac{1}{4}$ "	19- $\frac{1}{2}$ "	275 lbs.	10 lbs.



828B

Shovel Nose Truck Models 828B

Heavyweight shovel nose truck designed for heavy duty performance and rough use. The 1-1/4" Dia. frame material is double welded. The 5/16" steel toe plate is 12-3/4" long and tapered from 17-1/2" at the rear to 14" at the front - beveled and rounded for easy loading. Equipped with curb sliders behind the wheels for ease in maneuvering over curbs and up stairs. Heavy wheel guards keep wide loads from rubbing wheels. Equipped with 8" x 2" balloon cushion mold-on rubber wheels with ball bearings; and 3/4" steel axle.

Features

- Double Welded 1-1/4" Frame.
- Tapered Nose for loading ease.
- Stair Sliders.
- WIDTH: 19-1/2".
- CAPACITY: 900 lbs.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
828B	8" x 2" Balloon Cushion Rubber	61-3/4"	19-1/2"	900 lbs.	57 lbs.

Page Left Blank



1404

Features

- Blue Vinyl, Non-marking Bumpers.
- Belt Stair Rollers.
- COLOR: Silver (Powder Coated).
- HEIGHT: 59".
- TOE PLATE: 4-1/2" x 23" x 10 Gauge Steel.
- WIDTH: 23".
- CAPACITY: 700 lbs.

**Large Wheel
1400&1290 Series**

Ideal for unpaved, surfaces, the 'Big Wheel' employs a sliding belt carrier to accommodate high and low loads along with five different hand holds. The 'Big Wheel' is available with a geared ratchet, slide bar ratchet or strap and buckle.



1291

MODEL NUMBER	WHEELS	HOLDING SYSTEM	HEIGHT	WIDTH	CAPACITY	WEIGHT
1291	8-1/2" x 2-1/2" BB	Offset Belt Tightener	58-1/4"	23"	700 lbs.	57 lbs.
1404	Solid Rubber	Geared Ratchet	59"			59 lbs.

**Standard Appliance Truck
1500 Series**

The 1500 series is the mover's truck designed for day-in day-out use. This popular and versatile series of appliance trucks is ideally suited for warehouse or in-store use. The 5" mold-on rubber wheels make breaking over the load easy and are best suited for smooth surfaces.

Features

- Blue Vinyl, Non-marking Bumpers.
- Belt Stair Rollers.
- COLOR: Silver (Powder Coated).
- TOE PLATE: 4-1/2" x 23" x 10 Gauge Steel.
- WIDTH: 23".
- CAPACITY: 700 lbs.



1504

MODEL NUMBER	WHEELS	HOLDING SYSTEM	HEIGHT	WIDTH	CAPACITY	WEIGHT
1504	5" x 2-1/2" BB	Geared Ratchet	59"	23"	700 lbs.	47 lbs.
1509	Mold-on Rubber	Offset Belt Tightener	59"			47 lbs.

Page Left Blank.

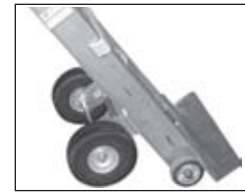
ALUMINUM APPLIANCE TRUCKS



MODEL #7

Features

- Lightweight Aluminum Alloy.
- Caterpillar Step Guides.
- 3/4" Axles.
- Heavy Felt Padding.
- Curved Cross Members (fits water heaters, etc.).
- Belt Stair Rollers.
- TOE PLATE: 4-1/2" x 24".
- WIDTH: 24".
- CAPACITY: 500 lbs.



MOD N8657

Big Wheel Attachment

Easily converts appliance trucks to a 4 wheel truck with 10" pneumatic tires.

Model #7

Light weight makes it easy to handle refrigerators, washers, ranges, water heaters or TV sets on this standard size dolly. Dolly front is padded with heavy felt.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
Model #7	5" x 2" x 3/4" Mold-on Rubber	59"	24"	500 lbs.	37-1/2" lbs.

Features

- Lightweight Aluminum Alloy.
- Caterpillar Step Guides.
- 3/4" Axles.
- Heavy Felt Padding.
- Curved Cross Members (fits water heaters, etc.).
- Belt Stair Rollers.
- TOE PLATE: 4-1/2" x 24".
- WIDTH: 24".
- CAPACITY: 500 lbs.

MODEL #16

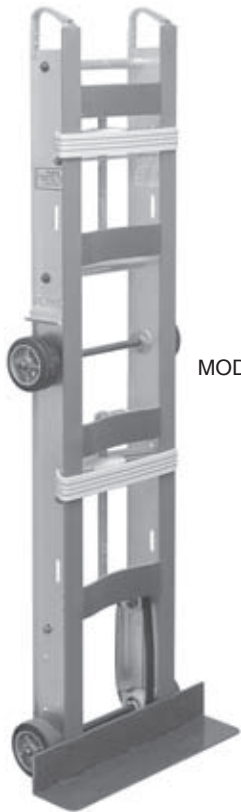
Model #16

Designed for large freezers and refrigerators, excellent for commercial boxes. Top ratchet assembly may be used in 3 different positions. Bottom ratchet assembly may be used in 2 positions. Equipped with two straps and ratchets. Dolly front is padded with heavy felt.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
Model #16	5" x 2" x 3/4" Mold-on Rubber	65"	24"	500 lbs.	44 lbs.



APPLIANCE TRUCKS



MODEL #9

Features

- Lightweight Aluminum Alloy.
- Caterpillar Step Guides.
- $\frac{3}{4}$ " Axles.
- Heavy Felt Padding.
- Curved Cross Members (fits water heaters, etc.).
- Belt Stair Rollers.
- TOE PLATE: $4\frac{1}{2}$ " x 24".
- WIDTH: 24".
- CAPACITY: 500 lbs.

Model #9

Professionals who handle heavy items know it's the model #9's special features that make the job easier. 71" high equipped with two straps and ratchets, plus four wheels for rolling instead of lifting heavy loads. Dolly front is padded with heavy felt.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
Model #9	5" x 2" x $\frac{3}{4}$ " Mold-on Rubber	71"	24"	500 lbs.	50 lbs.

Features

- Belt Stair Rollers.
- COLOR: Blue (Powder Coated).
- TOE PLATE: $4\frac{1}{2}$ " x 24" x $\frac{1}{4}$ ".
- WIDTH: 24".
- CAPACITY: 1,600 lbs.

Brute Truck - Steel Frame 1800 Series

A special series of trucks for large video games and vending machines, the 'Brute' will move up to 1,600 pounds. The large rear wheels pivot back to handle the big load. An optional wheel lock can be added.

The 1888 also has an optional bracket designed to grab the vending machine firmly at the top front (not shown).

Notice:

The optional wheel lock supplied with the 1800 series is only for breaking over the load when stopped on a level surface. It is not to be used as a brake for stopping, slowing, or retaining the loaded or unloaded unit on either flat or sloped surfaces.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
1866	10" x $2\frac{1}{2}$ " x 1" BB Mold-on Rubber 5" x $2\frac{1}{2}$ " x $\frac{5}{8}$ " BB Mold-on Rubber	66"	24"	1,600 lbs.	103 lbs.
1872		72"			105 lbs.
1878		78"			107 lbs.
1888		72"			105 lbs.



1878

**Model 3000**

The model 3000 features heavy duty steel construction. It takes only one person to operate due to the floating axle design, which makes it easy to break over heavy loads. The dual toe plates are designed to handle steel and fiber drums.

Features

- COLOR: Blue (Powder Coated).
- HEIGHT: 61".
- WIDTH: 24".
- CAPACITY: 1,000 lbs.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
3000	10" x 2-1/2" Mold-on Rubber	61"	24"	1,000 lbs.	65 lbs.

DRUM HANDLING EQUIPMENT**Model 3024**

The model 3024 features heavy duty steel construction. Designed to handle open drums, garbage cans, steel and fiber barrels and all cylindrical containers 23-3/4" maximum diameter). Available in custom sizes per special order.



3024

Features

- COLOR: Silver (Powder Coated).
- HEIGHT: 4".
- DIAMETER: 23-3/4" or 19-3/4".
- CAPACITY: 700 lbs.

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT	DRUM SIZE
3019	3" Hard Rubber Swivel Casters	4"	19-3/4"	700 lbs.	14 lbs.	30gal.
3024			23-3/4"		17 lbs.	55gal.

DRUM HANDLING**Model 3034W**

The model 3034W features heavy duty steel construction. Designed for one person operation, featuring self-storing tipping handles and non-sparking die cast aluminum wheels. Handles 55 gallon drums with ease.

Features

- COLOR: Blue (Powder Coated).
- CAPACITY: 700 lbs.



3034W

MODEL NUMBER	WHEELS	HEIGHT	WIDTH	CAPACITY	WEIGHT
3034W	3" Solid Aluminum	20"	16"	700 lbs.	29 lbs.

Straps and furniture ties are used to secure loads during transport. They come in any length desired and can be equipped with desired ends and tighteners. The straps come in widths of 1" to 4" or more depending on the application. Please call us with your specific needs .

Strap Ends



E-Track End



Wire Hook and D-Ring



Flat Hook



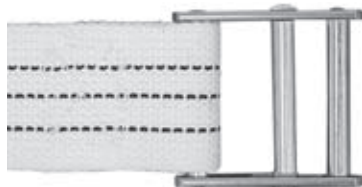
S-Hook

Strap Tighteners



Ratchet Tightener

Ratchet style tighteners provide the best control over strap pressures.



Buckle Tightener

Buckle tighteners are used on Appliance Trucks.



Closed
Cam Tightener



Open

Cam style tighteners allows strap release when cam is depressed.



Furniture Tie 1" Nylon
150' Roll.

STRAPS

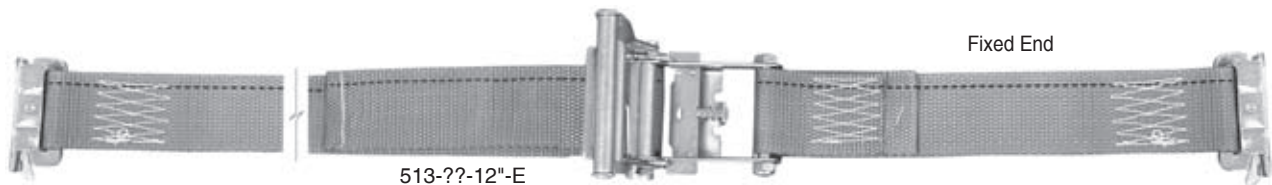


APS-C6

All Purpose Straps

The All Purpose Strap is a good choice for light loads. The ratchet models give very good control over strap tension providing a snug and secure hold. See warning below.

MODEL NUMBER	END TYPE	LENGTH	STRAP WIDTH	TIGHTENER	BREAKING STRENGTH	WORKING LOAD LIMIT		
APS-1	S-Hook	10'	1"	Light Cam	500 lbs.	166 lbs.		
APS-2				Medium Cam	1,200 lbs.	400 lbs.		
APS-3	Wire Hook D-ring	12'		Ratchet	3,000 lbs.	1,000 lbs.		
APS-R6		6'			1,200 lbs.	400 lbs.		
APS-R12		12'		Medium Cam				
APS-C6	S-Hook	6'						
APS-C12		12'						



Fixed End

513-??-12"-E

Truck and Van Straps

The model 513 strap has a working load limit of 1000 pounds. The ratchet model gives very good control over strap tension providing a snug and secure hold on heavy but delicate items. This is a first choice for delivery trucks and vans. See warning below.

MODEL NUMBER	END TYPE	TOTAL LENGTH	LENGTH FIXED END	STRAP WIDTH	TIGHTENER	BREAKING STRENGTH	WORKING LOAD LIMIT	
513-12'-12"-E	E-Track	12'	12"	2"	Ratchet	4,500 lbs.	1,000 lbs.	
513-12'-4'-E		12'	48"					
513-14'-12"-E		14'	12"					
513-16'-12"-E		16'	12"					
513-16'-4'-E		16'	48"					
513-20'-12"-E		20'	12"					
513-20"-4'-E		20'	48"					
513-Custom	Specify	Made to Order (allow 5 days) Specify Total Length and Length of Fixed End			Ratchet			
501-Custom					Heavy Cam			

WARNING:

It is the owner's and user's responsibility to determine suitability of a product for any particular use. Check all applicable industry, trade association, federal, state and local regulations. Read all operating instructions and warnings carefully.

Please Note: No lawyers were harmed during the creation of this warning.

Features

- 5" x 1-1/2" Steel Wheels (Polyurethane Wheels Available).
- COLOR: 'Alert' Orange.
- HEIGHT: 60", 72" and 84".
- NOSE WIDTH: 5".
- May be Shipped UPS.

Freight prys are designed for lifting heavy or cumbersome crates, cases, machinery, etc. Long handles provide the leverage needed to lift heavy objects so that they may be blocked up or put on pallets or skids.

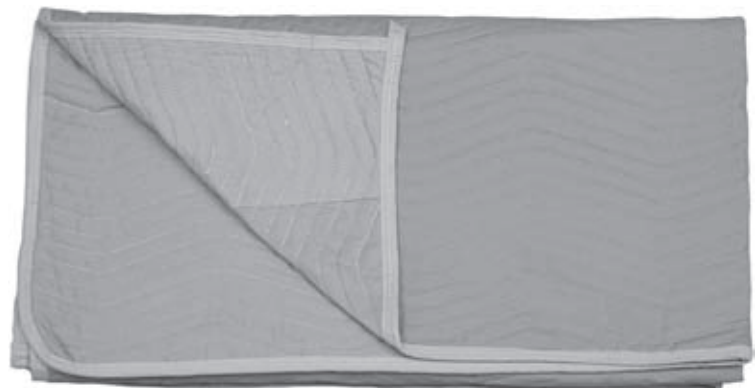
MODEL NUMBER	NOSE	HEIGHT	CAPACITY
16-001-500	3" x 5"	60"	3,500 lbs.
16-001-600		72"	4,250 lbs.
16-001-700		84"	5,000 lbs.
16-002-SPECIAL	6" x 6" or 10"	72" - 39"	N/A

**FURNITURE PADS****Model 101**

Cushion filled with zig zag lock stitching throughout. Trim is double stitched. Sold individually or by the dozen.

Features

- COLOR: Blue on Front / Light Blue on Back.
- DIMENSIONS: 72" x 80".
- SHIPPING WEIGHT: 75 lbs. per Doz.
- May be Shipped UPS.



101 Furniture Pad

HANDTRUCK WHEELS

8" Mold-on
Rubber
Cast Aluminum.

A

8" Performa.



B

8" 3 Piece Hub
Pneumatic.

C

8" Balloon
Cushion.

D

10" Semi Pneumatic
Plastic Hub.

E

10" Microcellular
Foam.

F

10" 3 Piece Hub
Pneumatic.

G

10" Balloon Cushion.



H

10"
Signature.

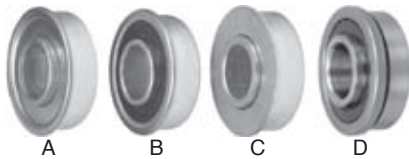
I

WHEEL DIAMETER	WIDTH	STYLE	MODEL NUMBER	DESCRIPTION	HUB WIDTH	CAPACITY
5"	2"	A	5X2X5/8BB-R	Rubber on Aluminum Offset Hub	1-3/4"	350 lbs.
8"	1-5/8"	B	WHL-D1	Performa on Polyolefin	2"	350 lbs.
		A	8X158X5/8X2"HL	Rubber on Aluminum	2-1/4"	450 lbs.
		A	WHL-815-R	Rubber on Aluminum		565 lbs.
		A	8X2X3/4BB-R	Rubber on Aluminum Offset Hub		600 lbs.
	2"	I	WHL-SW1	Elastometric Rubber on Nylon Offset Hub		450 lbs.
		E	WHL-S82.5	Semi Pneumatic on Plastic Hub		350 lbs.
	2-3/4"	H	WHL-D11	Rubber on Plastic Balloon Cushion	2-7/16"	295 lbs.
	2-1/8"	D	WHL-D11-ALUM	Rubber on Aluminum Balloon Cushion	2-1/4"	800 lbs.
		C	WHL-D9	Full Pneumatic on 3 Piece Hub 4Ply	2-3/4"	800 lbs.
	2-1/4"	I	WHL-SW2	Elastometric Rubber on Nylon Offset Hub	2-1/4"	300 lbs.
10"	2-1/8"	H	WHL-D10	Rubber on Plastic Balloon Cushion	2-1/4"	250 lbs.
	2-1/2"	A	10X2.5X1"BB-R	Rubber on Aluminum 1" Ball Bearing only	2-3/4"	800 lbs.
	2-3/4"	E	WHL-D2	Semi Pneumatic on Plastic Hub	2-1/4"	300 lbs.
		F	WHL-D6A	Microcellular Carefree foam		
		G	WHL-D5	Full Pneumatic on 3 Piece Hub 4 Ply		

Specify Wheel Bearing Size when ordering (1/2", 5/8", or 3/4")

REPLACEMENT PARTS

Ball Bearings



A

B

C

D

Tires & Tubes



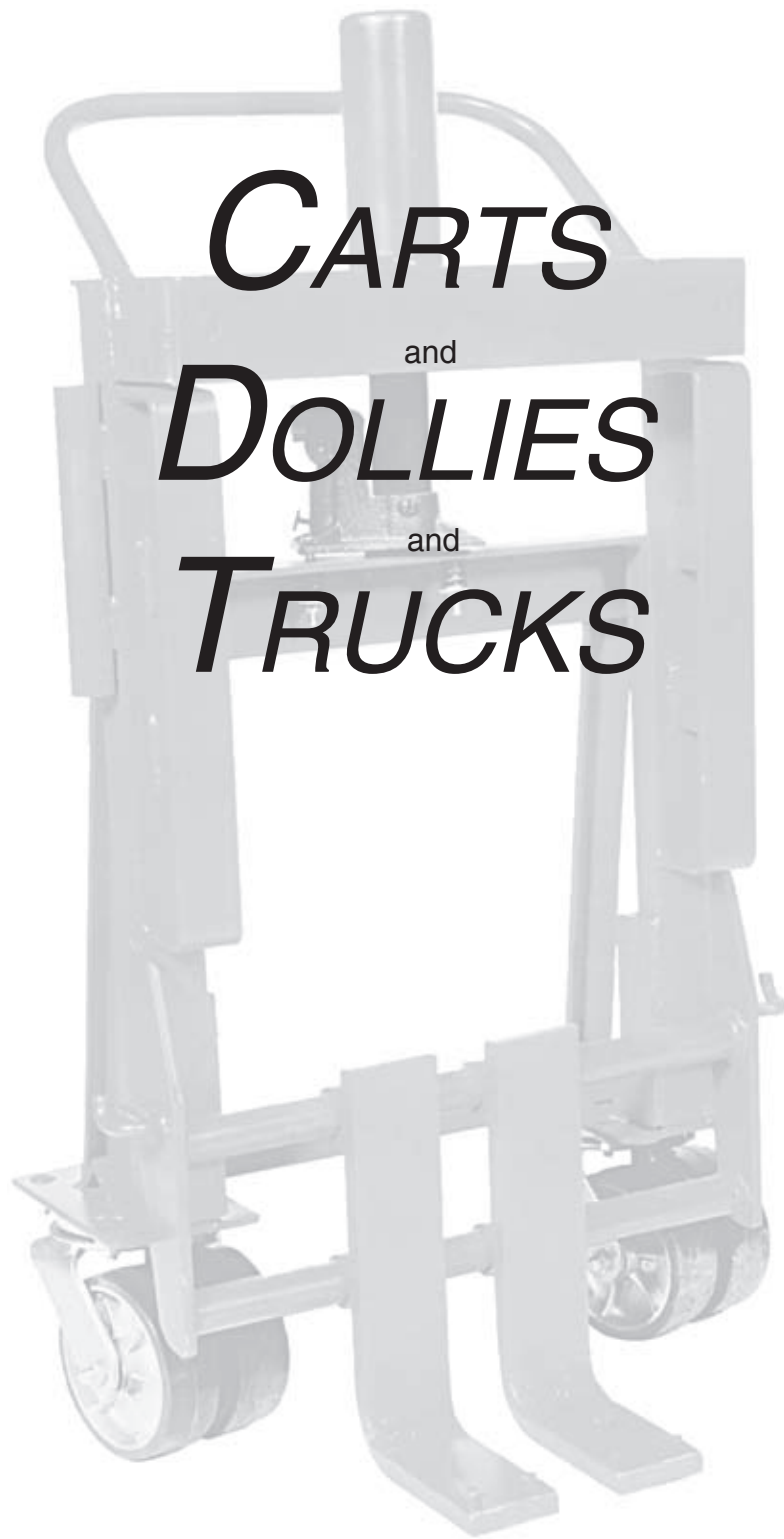
A

Std. Stem
parallel to
axle.

C

INSIDE DIA.	OUTSIDE DIA.	STYLE	DESCRIPTION	PART NUMBER
1/2"	1-3/8"	A	Single Groove	1/2X1-3/8BB
		C	Heim	1/2X1-3/8BB-R&K
		C	Sealed Heim	1/2X1-3/8SBB-R&K
5/8"		A	Single Groove	5/8X1-3/8BB
		B	Double Groove	5/8X1-3/8BB-DG
		C	Heim	5/8X1-3/8BB-R&K
		D	Precision Ball	5/8X1-3/8PBB
3/4"		A	Single Groove	3/4X1-3/8BB
		C	Heim	3/4X1-3/8BB-R&K
		D	Precision Ball	3/4X1-3/8PBB

DIA.	WIDTH	STYLE	PART NUMBER	DESCRIPTION	SIZE
8"	2"	A	TIRE10-029	8" Tire 4Ply	2.80/2.50X4
		C	TUBE10-129	8" Tube	
10"	2-3/4"	A	TIRE10-036-4Ply	10" Tire 4Ply	4.10/3.50X4
		C	TUBE10-130	10" Tube	



CARTS and *DOLLIES* and *TRUCKS*

Page 119

SERVICE CARTS

STEEL

Heavy Duty Cart

All welded heavy duty construction. With 14 gauge steel pans 3" deep, these service carts come in four different sizes to meet your individual needs. They roll on two 5" rigid and two 5" swivel casters with ball bearing wheels. A push handle is standard on all Heavy Duty carts.

Pans may be reversed on request and extra pans are available. Specify lips up or down when ordering.



18X30HD
Inverted Pan



24X36HD

Feature

- COLOR: Grey.
- HEIGHT: 34".

MODEL NUMBER	DIMENSIONS	WHEELS	CAPACITY	WEIGHT
16X30HD	30"L x 16"W x 34"H	5" Grey Non-Marking Swivel and Rigid Casters	1,000 lbs.	57 lbs.
18X30HD	30"L x 18"W x 34"H			59 lbs.
24X36HD	36"L x 24"W x 34"H			87 lbs.
24X48HD	48"L x 24"W x 34"H			100 lbs.

Light Duty Cart

All welded heavy duty construction made with 14 gauge steel pans 1-1/2" deep, these service carts have essentially the same features as the above models, less handle, but are designed for lighter service. They roll on 3-1/2" swivel casters.

Pans may be reversed on request and extra pans are available. Specify lips up or down when ordering.



16X30LD

Feature

- COLOR: Grey.
- HEIGHT: 32".

MODEL NUMBER	DIMENSIONS	WHEELS	CAPACITY	WEIGHT
16X30LD	30"L x 16"W x 32"H	3-1/2" BB Swivel Casters	500 lbs.	47 lbs.
18X30LD	30"L x 18"W x 32"H			49 lbs.

RUBBERMAID SERVICE CARTS

Flat Shelf Carts

Versatile flat shelves designed to transport oversized, bulky items. Makes a convenient mobile work surface for folding, sorting or repairing. Sturdy structural foam construction won't rust, dent, chip or peel. All-plastic design provides easy maintenance and quiet operation. Ideal for general factory, health care, retail, food service and office use. Optional middle shelf available.



RB4505

Feature

- COLOR: Tan.
- HEIGHT: 33-5/16".

MODEL NUMBER	DIMENSIONS	WHEELS	CAPACITY	WEIGHT
RB4505	38-7/8"L x 19-3/16"W x 33-5/16"H	5" Sw/Rigid Casters	400 lbs. (200 lbs./Shelf)	33 lbs.
RB4525	43-7/8"L x 25-5/8"W x 33-5/16"H			42-1/2 lbs.

CANVAS TRUCKS

Postal Specification trucks are available in two sizes: 18 bu. and 8 bu.. Frame for both trucks is made of high tensile electro-welded spring steel. The bottom is welded, plated flat steel bolted to kiln-dried hardwood runners and caster boards.

The white canvas liner is reinforced at all wear points: corner seams are riveted for extra strength. The liner, laced to frame, is free floating for complete dumping.

These trucks meet or exceed the rigid specifications of the U. S. Postal Service.

Well suited for laundry, mail room, textiles and hotels.



40-1046

MODEL NUMBER	DIMENSIONS	CASTER SIZES	VOLUME BUSHELS	OVERALL HEIGHT
40-1033	35"L x 26"W x 21"Depth	3"	8	27"
40-1046	44"L x 31"W x 29"Depth	4"	18	27"
40-580	44"L x 31"W x 29"Depth	4"	18	27"

STOCKING CARTS TUBULAR STEEL

Pan Top

These table style tubular stocking carts are constructed of 14 gauge x 1" steel tubing. The pans are 14 gauge steel.

Well suited for Grocery stores, Stock rooms and Warehouses.

- COLOR: Blue.



MODEL NUMBER	DIMENSIONS	WHEELS	CAPACITY	WEIGHT
LT5B	36"L x 18"W x 29-1/4"H	5" Grey Swivel Casters	800 lbs.	53 lbs.
T5B	30"L x 16"W x 25-3/4"H	5" Grey Swivel Casters	800 lbs.	44 lbs.

All casters include precision type ball bearings with machined, hardened raceways.



Style A



Style C

Tubular Top

We carry a variety of tubular stocking carts to meet your specific needs. Constructed of 14 gauge x 1" steel tubing.

- COLOR: Blue.

MODEL NUMBER	STYLE	DIMENSIONS	WHEELS	CAPACITY	WEIGHT
H5B	A	36"L x 16"W x 27-1/4"H	5" Grey Sw/Rigid Casters	800 lbs.	49 lbs.
L4P	B	36"L x 16"W x 13"H	4" Grey Sw/Rigid Casters	500 lbs.	32 lbs.
SM4P	B	39"L x 16"W x 10"H	4" Grey Sw/Rigid Casters	500 lbs.	39 lbs.
SM5B	B	39"L x 16"W x 11"H	5" Grey Sw/Rigid Casters	800 lbs.	43 lbs.
SM58B	C	39"L x 16"W x 11"H	5" Grey Swivel Casters 8"x1-5/8" Mold-On Rubber	1,200 lbs.	54 lbs.
SM18-53	C	53"L x 18"W x 11"H		1,200 lbs.	69 lbs.
SM22-41	C	41"L x 22"W x 11"H		1,200 lbs.	67 lbs.

All casters include precision type ball bearings with machined, hardened raceways.

PLATFORM TRUCKS

ALUMINUM

Aluminum Platform Truck

Super light aluminum you push the load not the truck. Durable extruded corner sockets integrated with frame, cannot loosen or break off. Designed for tough job service, load handling versatility and long life.

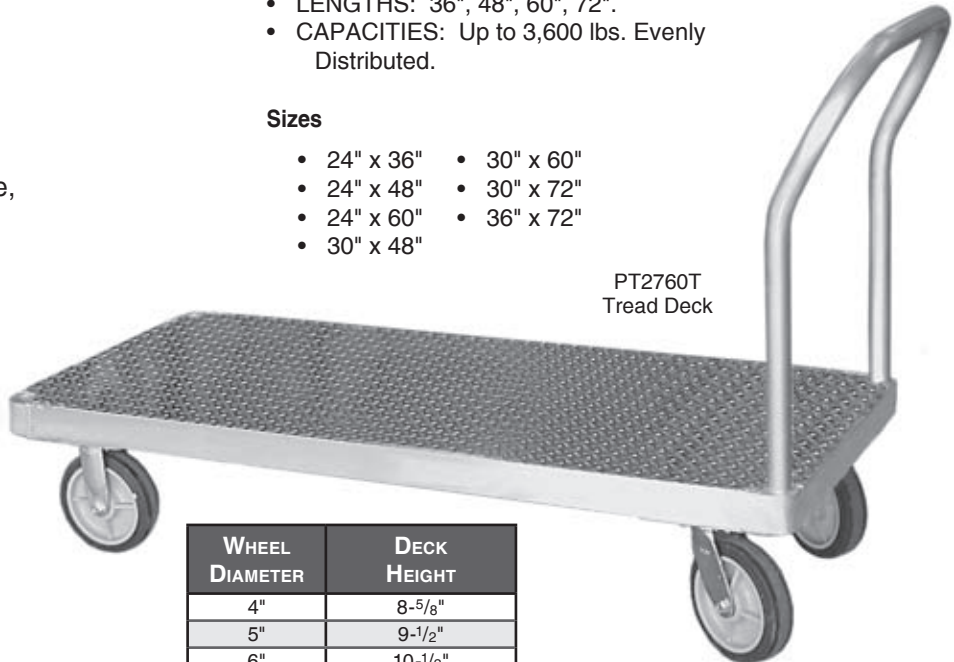
Features

- Smooth or Tread Deck.
- WIDTHS: 24", 30", 36".
- LENGTHS: 36", 48", 60", 72".
- CAPACITIES: Up to 3,600 lbs. Evenly Distributed.

Sizes

- 24" x 36"
- 24" x 48"
- 24" x 60"
- 30" x 48"
- 30" x 60"
- 30" x 72"
- 36" x 72"

PT2760T
Tread Deck



WHEEL DIAMETER	DECK HEIGHT
4"	8-5/8"
5"	9-1/2"
6"	10-1/2"
8"	12-1/2"

Options

- BUMPERS: Full, One End or 4 corners.
- Extra Handle.
- Handle cross Brace.
- Floor Locks (See page 54).
- Caster Chart page 111.
- Caster Brakes (See page 8).
- Bumpers (See page 127).

PLATFORM TRUCKS

WOOD

Wood Platform Truck

The Wood deck platform truck is the most widely used style of platform truck. It is easy to operate, economical, and built to last. You will find these trucks used in automotive, aerospace, warehousing and distribution centers, manufacturing facilities and freight terminals.

Features

- Decks are 7/8" Sanded Hardwood with Natural Varnish.
- Handles are 1" Pipe.
- HARDWARE COLOR: Alert Orange.
- CAPACITIES: Up to 2,000 lbs. Evenly Distributed.

SIZES

- 24" x 48".
- 27" x 54".
- 30" x 60".
- 36" x 72".

30X60WOOD



WHEEL DIAMETER	DECK HEIGHT
4"	7-3/8"
5"	8-1/4"
6"	9-1/4"
8"	11-1/4"

Options

- Extra Handle.
- Floor Locks (See page 54).
- Caster Chart page 111.
- Caster Brakes (See page 8).
- Bumpers (See page 127).

PLATFORM TRUCKS

STEEL

Features

- COLOR: Blue.
- Smooth Deck.
- WIDTHS: 24" - 36".
- LENGTHS: 48" - 72".
- CAPACITIES: Up to 3,600 lbs. Evenly Distributed.

Sizes

- 24" x 48"
- 27" x 54"
- 30" x 60"
- 36" x 72"

Options

- Extra Handle.
- Pipe Stake Handles.
- Custom sizes (special order).
- See Casters below.
- Floor Locks (See page 54).
- See Casters Below.
- Caster Brakes (See page 8).
- Bumpers (See page 127).

WHEELS DIAMETER	DECK HEIGHT
4"	7-5/8"
5"	8-1/2"
6"	9-1/2"
8"	11-1/2"

Steel Platform Truck

Rugged and durable, our standard platform trucks feature rounded corners and recessed handle sockets on all four corners to protect merchandise, personnel and buildings.

Constructed of 12 gauge material with 2" x 2" x 3/16" angle cross braces for caster mounting.

Any size deck can be furnished on request.



27X54"DECK-W/H

DRYWALL DOLLY

Features

- DIMENSIONS: 48"L x 24"W x 37-1/2" + Wheel Dia.
- CAPACITIES: Up to 3,600 lbs.
- See Casters Below.



DRY DWC2X4

Caster Chart

TRUCK STYLE	WHEEL DIAMETER	MOLD-ON RUBBER	PHENOLIC	POLYURETHANE	PERFORMA	PNEUMATIC	BALLOON CUSHION	ELASTOMER
Aluminum	4"	1,600 lbs.	3,200 lbs.	2,400 lbs.	1,400 lbs.	N/A	N/A	3,600 lbs.
	5"	1,600 lbs.	3,600 lbs.	3,000 lbs.	1,500 lbs.	N/A	N/A	3,600 lbs.
	6"	1,800 lbs.	3,600 lbs.	3,600 lbs.	2,400 lbs.	N/A	N/A	3,600 lbs.
	8"	2,000 lbs.	3,600 lbs.	3,600 lbs.	2,700 lbs.	1,180 lbs.	1,800 lbs.	3,600 lbs.
	10"	N/A	N/A	N/A	N/A	1,000 lbs.	N/A	N/A
Wood	4"	1,600 lbs.	2,000 lbs.	2,000 lbs.	1,400 lbs.	N/A	N/A	2,000 lbs.
	5"	1,600 lbs.	2,000 lbs.	2,000 lbs.	1,500 lbs.	N/A	N/A	2,000 lbs.
	6"	1,800 lbs.	2,000 lbs.	2,000 lbs.	2,000 lbs.	N/A	N/A	2,000 lbs.
	8"	2,000 lbs.	2,000 lbs.	2,000 lbs.	2,000 lbs.	1,180 lbs.	1,800 lbs.	2,000 lbs.
	10"	N/A	N/A	N/A	N/A	1,000 lbs.	N/A	N/A
Steel & Drywall	4"	1,600 lbs.	3,200 lbs.	2,400 lbs.	1,400 lbs.	N/A	N/A	3,600 lbs.
	5"	1,600 lbs.	3,600 lbs.	3,000 lbs.	1,500 lbs.	N/A	N/A	3,600 lbs.
	6"	1,800 lbs.	3,600 lbs.	3,600 lbs.	2,400 lbs.	N/A	N/A	3,600 lbs.
	8"	2,000 lbs.	3,600 lbs.	3,600 lbs.	2,700 lbs.	1,180 lbs.	1,800 lbs.	3,600 lbs.
	10"	N/A	N/A	N/A	N/A	1,000 lbs.	N/A	N/A

Platform Options



Floor Locks (See page 54).



Caster Brakes (See page 8).



Heavy Duty Rigs.
Kingpinless Swivel Rigs for Severe Service
or Where Easier Swiveling is Required.



Perimeter Bumpers.

Model 3830

Model 3830 was designed principally for moving office partition panels, but flexible uses extend to moving banquet tables, roll goods, mattresses, bed frames, etc. In addition, the panel mover has become a standard in many workrooms for transporting raw materials between workstations.

Features

- Color: Red Non-mar, Skid-Resistant Vinyl.
- Platform: Tubular Steel and Steel Plate.
- 3 Removable Uprights.
- Capacity: Up to 2,400 lbs.
- Optional 45" Uprights Available.
- Deck Dimensions: 36"L x 27-1/2"W.
- Height with 6" Casters: 35".
- See Casters Below.



3830
Standard 26" Uprights



Optional 45" Uprights
(3845)



3910

Model 3900

The model 3900 rugged construction assures years of superior performance from this maximum duty truck. Ideal for transporting sheetrock, building materials, office partition panels and other heavy objects.

Features

- Color: Red Non-mar, Skid-resistant Vinyl.
- Platform: Tubular Steel and Steel plate.
- 2 Removable Uprights w/ Cross Braces.
- Capacity: Up to 3,200 lbs.
- Deck Dimensions: 54"L x 30"W.
- Height 8" Casters: 37-3/4".
- See Casters below.

Caster Chart

TRUCK STYLE	WHEEL DIAMETER	MOLD-ON RUBBER	PHENOLIC	POLYURETHANE	PERFORMA	PNEUMATIC	BALLOON CUSHION	ELASTOMER
3830	4"	1,600 lbs.	2,400 lbs.	2,400 lbs.	1,400 lbs.	N/A	N/A	2,400 lbs.
	5"	1,600 lbs.	2,400 lbs.	2,400 lbs.	1,500 lbs.	N/A	N/A	2,400 lbs.
	6"	1,800 lbs.	2,400 lbs.	2,400 lbs.	2,400 lbs.	N/A	N/A	2,400 lbs.
3910	4"	1,600 lbs.	3,200 lbs.	2,400 lbs.	1,400 lbs.	N/A	N/A	3,200 lbs.
	5"	1,600 lbs.	3,200 lbs.	3,000 lbs.	1,500 lbs.	N/A	N/A	3,200 lbs.
	6"	1,800 lbs.	3,200 lbs.	3,200 lbs.	2,400 lbs.	N/A	N/A	3,200 lbs.

DESK MOVERS

**Model: Mighty King**

Engineered for easy moving of most types of office desks by just one person. Reduces labor and moving costs; saves time and effort, too. No need to empty drawers or remove equipment and material from desk tops. Simply roll Mighty King desk lift beneath desk, depress handle and elevate desk. In seconds desk can be rolled in any direction.

All Mighty King desk lifts are manufactured and assembled in the U. S. A. under rigid quality control standards.

Note:

Larger diameter casters roll over thresholds, electrical cords and carpets more easily.

**Model: 2000**

- Load Capacity: 600 lbs.
- Lowered Position: 4-1/4".
- Raised Position: 9-3/4".
- Overall Dimensions: 32"L x 22"W.
- Lift Frame: 32"L x 16"W.
- Swivel Casters: 2-1/2" x 1-1/8" Hard Rubber.
- Shipping Weight: 44 lbs. UPS.

Model: 2000-40

Same as Model 2000 except.

- Lift Frame: 40"L x 16"W.
- Shipping Weight: 48 lbs. UPS.

Model: 2000-46

Same as Model 2000 except.

- Lift Frame: 46"L x 16"W.
- Shipping Weight: 49 lbs. UPS.

40" lift frame shown.

**Model: 2300**

Same as Model 2000 except.

- Lowered Position: 4-3/4".
- Raised Position: 10-1/4".
- Swivel Casters: 3" x 1-1/4" Hard Rubber.
- Shipping Weight: 45 lbs. UPS.

Model: 2300-40

Same as Model 2300 except. Lift Frame: 40"L x 16"W.

- Shipping Weight: 50 lbs. UPS.

Model: 2300-46

Same as Model 2300 except.

- Lift Frame: 46"L x 16"W.
- Shipping Weight: 51 lbs. UPS.

STACKED CHAIR DOLLIES

**Model 500**

- Capacity: 240 lbs.
- Frame Width: 14-1/2".
- Overall Height: 48".
- Overall Depth: 33-1/2".
- Two 8" x 1-3/4" Wheels.
- Gray Powder Coated.
- Weight: 31 lbs. UPS.

**Model 550**

- Capacity: 240 lbs.
- Frame Width: 10-3/8".
- Overall Height: 48".
- Overall Depth: 33".
- Four 8" x 1-3/4" Wheels.
- Gray Powder Coated.
- Weight: 33 lbs. UPS.

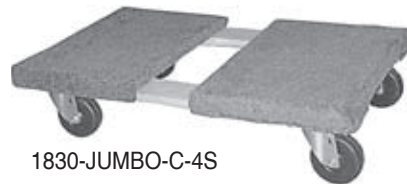
Models: 500 and 550

Move up to 16 chairs at a time, eliminating costly and tedious hand carrying. The sensible solution to quick and easy setup time for seating at banquets, lectures, conventions and meetings. Tough and durable, the stacked chair dolly accommodates most kinds of stack chairs. Heavy-Duty frame with bonded vinyl handle. A real time saver.



1830-LD-R-4S

- Rubber End Dolly.
- 18" x 30".
- Hardwood Construction.
- Rubber Top.
- 1-1/16" Rails.
- 4" Soft Rubber Casters.
- Load Height: ~7-1/2".
- Capacity: 960 lbs. W/Ecoforma.



1830-JUMBO-C-4S

- Jumbo Dolly.
- 18" x 30".
- Hardwood Construction.
- 12" Carpeted Ends.
- 3/4" Rails.
- 4" Soft Rubber Casters.
- Load Height: ~7-3/8".
- Capacity: 960 lbs. W/Ecoforma.

Piano Dollies

These lightweight dollies feature a frame constructed of 1-1/4" tubing with carpeted hardwood end pieces.

The model 1354 has four 5" grey swivel casters with non-marking wheels allowing easy movement in any direction.

The model 1355 is equipped with two swivel and two rigid wheels that provide reliable tracking when going a long distance.



1354

- Carpeted Top.
- 18" x 25".
- Load Height: ~8-1/2".
- (4) 5" x 1-1/4" Swivel Casters.



1355

- Carpeted Top.
- 18" x 25".
- Load Height: ~8-1/2".
- (2) 5" x 1-1/4" Swivel Caster.
- (2) 5" x 2" Rigid wheels.

MODEL NUMBER	DIMENSIONS	WHEELS	CAPACITY	WEIGHT
1354	25"L x 18"W x 8-1/2"H	(4) 5x1-1/4" Swivel Casters	800 lbs.	25 lbs.
1355		(2) 5x1-1/4" Swivel Casters (2) 5x2" Rigid Wheels		23 lbs.



3024

The model 3024 drum dolly features heavy duty steel construction. Designed to handle open drums, cans and barrels (23-3/4" maximum diameter). Available in custom sizes. For other drum handling equipment see pg. 100, 101

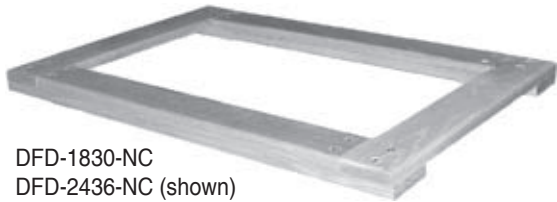


Custom Angle Dollies

Ideal for moving and storing filing cabinets and other rectangular objects. We can build an angle dolly, with lips up or down, to fit your particular size and weight capacity requirements.

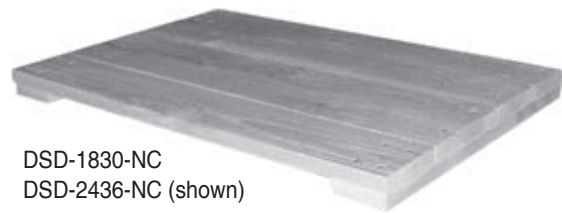
CUSTOM DOLLIES

The assembled dollies on the preceding page do not fit every job, so we offer an line of custom dolly decks and casters for the demanding professional. If you don't see what you need please give us a call. Deck load height may vary by $\frac{1}{8}$ " or more.



DFD-1830-NC
DFD-2436-NC (shown)

- Flush Top Deck.
- Hardwood Construction.
- (18" x 30") or (24" x 36").
- Load Height: $\sim 3\frac{3}{16}$ " + Wheel Diameter.
- $\frac{7}{8}$ " Rails.



DSD-1830-NC
DSD-2436-NC (shown)

- Solid Top Deck.
- Hardwood Construction.
- (18" x 30") or (24" x 36").
- Load Height: $\sim 3\frac{3}{16}$ " + Wheel Diameter.
- $\frac{7}{8}$ " Deck.

Standard Caster Options



Soft / Hard Rubber

- 3" Soft - 500 lbs. / Set of 4.
- 3" Hard - 840 lbs. / Set of 4.

Hard and soft Rubber casters are an economical choice for light duty applications. Zinc finish and double ball hardened raceways are standard.



Performa

- 3- $\frac{1}{2}$ " - 800 lbs. / Set of 4.
- 4" - 960 lbs. / Set of 4.
- 5" - 960 lbs. / Set of 4.

Performa wheels offer a soft tread material that has very little rolling resistance. Resistant to chemicals, water and steam, and rejects floor debris such as metal shavings.



Polyurethane

- 3- $\frac{1}{2}$ " - 800 lbs. / Set of 4.
- 4" - 920 lbs. / Set of 4.
- 5" - 960 lbs. / Set of 4.

Polyurethane tread bonded to polyolefin core. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Resistant to most chemicals, solvents, water and acids.



BELTING

All wood top decks can have Rubberized belting attached if a nonslip surface is required.

Model 1300 & 2000 Super Tri-Dollies

These handy dollies move heavy things easily, They have dozens of uses in home, office, shops, warehouses and institutions.

Tough polyolefin wheels swivel easily on ball bearings. Cushioned pads and a coated surface prevent scratching. Recessed center hole accommodates furniture legs.

(Not recommended on cushioned vinyl floors).

Features

- Two Sizes: 6" (1-1/4" wheels) 3/4 lbs. Ea.
12" (2" wheels) 2-1/2 lbs. Ea.
- Color: Black.
- Capacity: 6" - 200 lbs. Ea.
12" - 300 lbs. Ea.



Features

- Color: Red Non-Mar, Skid-Resistant Vinyl.
- Casters: Three Non-Mar Hard Rubber 2-1/2" x 1-1/8" Full Swivel.
- Load Capacity: 400 lbs. Ea.
- Overall Dimensions: 8" x 10-3/4".
- Shipping weight: 10 lbs. Ea. UPS.



3300

Model 3300 All Purpose Dolly

Our All-purpose three wheel dolly can be used everywhere, from warehouse, office and showrooms, to schools, hospitals, and even in the home. It's uniquely designed with a center cupped area to help secure furniture legs or casters in place while moving. Heavy gauge steel construction coated with a tough non-mar, skid resistant vinyl finish will help protect and secure your load.

Model 2127 Medium Duty Dolly

Features

- Body: Cast Semi Steel with 2" deep well, measuring 5" at top and 3-3/16" at bottom. Under clearance is 5/8" from floor.
- Casters: Bond Semi Steel swivel casters with 2" diameter wheels.
- Wheels: Semi Steel.
- Capacity: 450 lbs. Ea.
- Weight: 8-1/2 lbs.



2127-STL

Also available in aluminum, with Polyolefin wheels and a capacity of 600lbs (2127-ALUM).

U-BOAT STOCKING CARTS

Model 300

Narrow 16" width designed for busy aisles.

- Maneuvers easily on two center stationary and four swivel casters. Swivels in own length.
- Carts constructed of welded steel or Aluminum.
- Two removable heavy gauge tubular handles protect merchandise from falling.



6016-UBT6

MODEL NUMBER	DIMENSIONS	DECK MATERIAL	CAPACITY
6016-UBT6	60"L x 16"W	Steel	1,500 lbs.
FHE-1654-200	54"L x 16"W	Aluminum	1,400 lbs.

Model P6B

Swivel wheels on both ends enables operator to steer load freely in any direction. Four 7' web straps (included) hold load securely.

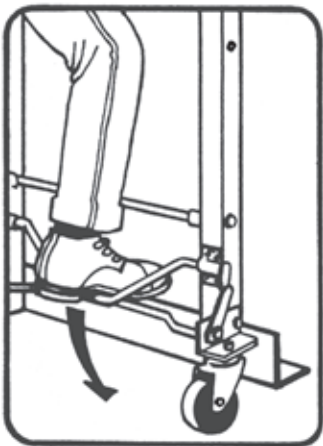
Standard angle nose is 4" x 23". Trucks are also available with 5" x 23" angle nose for pianos and 4" x 28" for Hammond B3 organ.

Options

- 5" x 23" angle nose.
- 4" x 28" angle nose.
- 8' Straps (4).
- 10' Straps (4).

Features

- 4" x 23" angle nose.
- Height: 32".
- Widths: 23".
- 8' Straps (4).
- Capacity: 1,000 lbs.



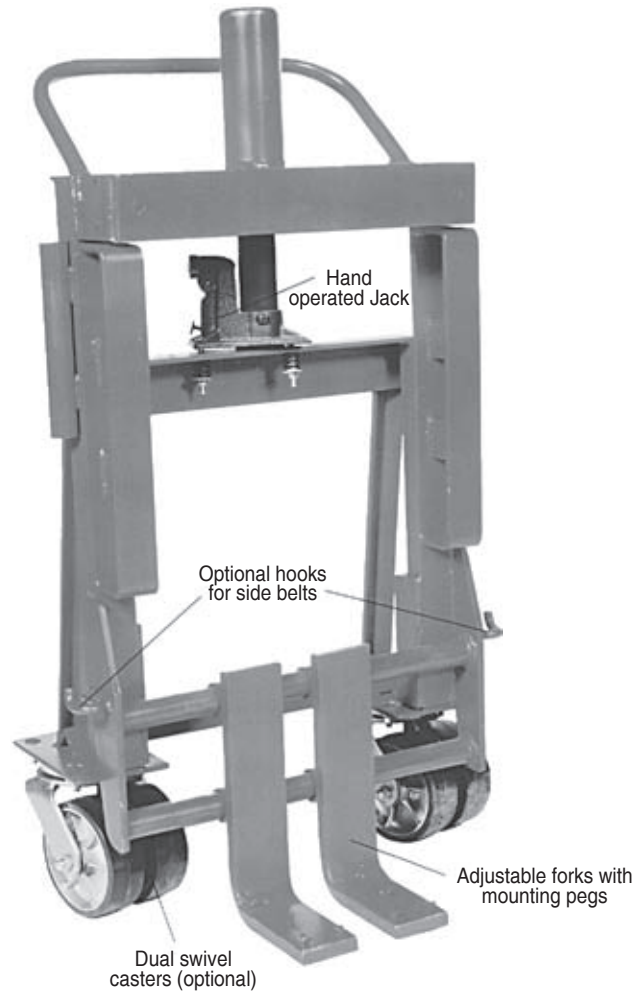
ROL-A-LIFT

The Smart Way to Move

Rol-A-Lift is the practical method of moving bulky and hard-to-handle loads. Our Rol-A-Lift are ideal for handling large, awkward objects or heavy equipment that is difficult to maneuver or position. Yet it is versatile enough to safely handle fragile, sensitive equipment.

Features

- Capacity: 2,000 to 12,000 lbs. Per Pair.
- Swivel casters permit easy positioning and movement in any direction.
- large wheels allow smooth movement over bumps and cracks of factory floors.
- Adjustable forks with mounting pegs allow for positioning of forks to accommodate different width loads.
- Hand operated hydraulic jack offers easy lifting and controlled lowering of loads.



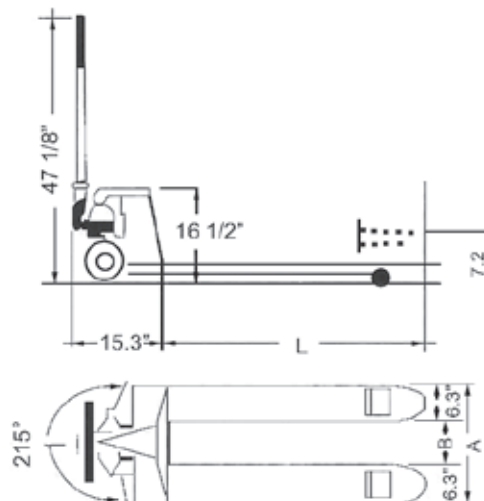
MODEL NUMBER	LIFTING HEIGHT	CAPACITY PER PAIR	WHEELS	OVERALL HEIGHT	WIDTH	DEPTH	FORK ADJUSTABLE	FORK LENGTH	WEIGHT
M-2	5-1/8"	2,000 lbs.	5"x2" Phenolic	47-1/2"	22"	12-1/2"	7-1/4" to 17-1/2"	5"	160 lbs.
M-4	12"	4,000 lbs.	6"x2" Phenolic	44"	23"	16-1/2"	5" to 19-1/2"	6"	325 lbs.
M-4-6	12" 6"	4,000 lbs. 6,000 lbs.	6"x2" Phenolic	44"	23"	16-3/4"	6" to 19-1/2"	6"	340 lbs.
M-6	6"	6,000 lbs.	6"x2" Phenolic	42-1/2"	23"	16-3/4"	6" to 19-1/2"	6"	335 lbs.
M-8	6"	8,000 lbs.	8"x2-1/2" Steel	45"	23-1/8"	17-1/4"	7-1/4" to 19-1/2"	6"	400 lbs.
M-10	6"	10,000 lbs.	8"x2-1/2" Steel	45-1/2"	24"	18"	9-1/4" to 19-1/2"	6"	438 lbs.
M-12	6"	12,000 lbs.	8"x2-1/2" Forged	45-1/2"	24"	18"	9-1/4" to 19-1/2"	6"	470 lbs.

**Features**

- Safety designed loop handle, includes neutral position and fingertip release.
- Spring-a-matic handle self returns to vertical position.
- 215° pivot action maneuvers in compact areas.
- One piece formed steel "C" channel with tapered and reinforced forks.
- Zero maintenance leak proof pump.
- Hard chrome plated ram and piston.
- Polyurethane seals and wipers.
- Sealed ball bearings throughout.
- All pivot points can be lubricated easily.
- Powder coated quality safety color and anti-rust treatment.
- Polyurethane steer wheels and load rollers.
- Only 1 cap screw and 4 pins to remove the hydraulic unit.

Specifications

- Load Capacity: 5,500 lbs.
- Fork Lowered: 2.9".
- Forks Raised: 7.2".
- Width Across Forks (A): 20-1/2" or 27".
- Fork Width: 6.3".
- Space Between Forks (B): 7.9" or 14.4".
- Fork Lengths (L): 36", 42" or 48".
- Load Rollers: 2.9" x 3.7".
- Front Wheels (Polyurethane): 7" x 2".
- Weight: ~170 lbs.



Page Left Blank.

Features

- Stronger, Lighter, and more Durable than Steel Dock boards.
- Quick-ship availability on popular sizes.
- Light weight, welded aluminum curbs provide unbeatable strength and durability.
- Skid resistant surface.
- Strongest boards in the industry.
- Increased load capacities to fit all your needs.
- Bolt-on legs allow for quick field repair. Zinc finish helps prevent chipping, peeling and corrosion. Easily reversed for refrigerated trucks.
- Boards are actual thickness, full $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ".

**Dock Board size and Specification Chart**

			5,000-7,000 LBS. CAPACITY		10,000 LBS. CAPACITY		10,000-14,000 LBS. CAPACITY		12,000-17,000 LBS. CAPACITY	
SIZE (W x L)	MAX HT. DIFF.	LEG LEN.	PART NUMBER	WT. CAP.	PART NUMBER	WT. CAP.	PART NUMBER	WT. CAP.	PART NUMBER	WT. CAP.
36" x 36"	5"	7"	L7 3636	7,000	N/A		N/A		N/A	
36" x 48"	7"	9"	L7 3648	7,000	L10 3648	10,000	N/A		N/A	
36" x 60"	10"	12"	L7 3660	7,000	L10 3660	10,000	N/A		N/A	
48" x 36"	5"	7"	L7 4836	7,000	L10 4836	10,000	L14 4836	14,000	L17 4836	17,000
48" x 48"	7"	9"	L7 4848	7,000	L10 4848	10,000	L14 4848	14,000	L17 4848	17,000
48" x 60"	10"	12"	L7 4860	7,000	L10 4860	10,000	L14 4860	14,000	L17 4860	17,000
60" x 36"	5"	7"	L7 6036	7,000	L10 6036	10,000	L14 6036	14,000	L17 6036	17,000
60" x 48"	7"	9"	L7 6048	7,000	L10 6048	10,000	L14 6048	14,000	L17 6048	17,000
60" x 60"	10"	12"	L7 6060	7,000	L10 6060	10,000	L14 6060	14,000	L17 6060	17,000
60" x 72"	12"	18"	L5 6072	5,000	N/A		L12 6072	12,000	L15 6072	15,000
72" x 36"	5"	7"	L5 7236	5,000	N/A		L12 7236	12,000	L15 7236	15,000
72" x 48"	7"	9"	L5 7242	5,000	N/A		L12 7242	12,000	L15 7242	15,000
72" x 60"	10"	12"	L5 7248	5,000	N/A		L12 7248	12,000	L15 7248	15,000
72" x 72"	12"	18"	N/A		N/A		L10 7272	10,000	L12 7272	12,000

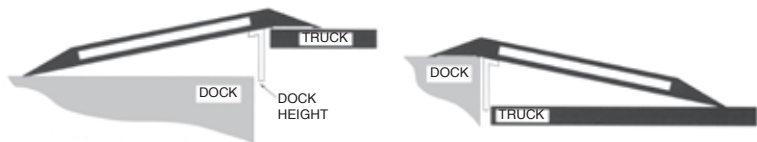
How to select the correct dock board

Step 1. Determine capacity: Weight of forklift plus maximum load carried.

Step 2. Determine width: We recommend 18"

to 24" wider than the overall width of the vehicle or pallet (for pallet trucks). A 60" wide board is ideal for most pallet and lift trucks.

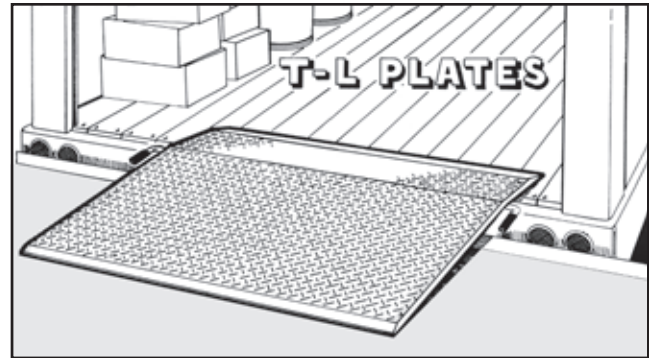
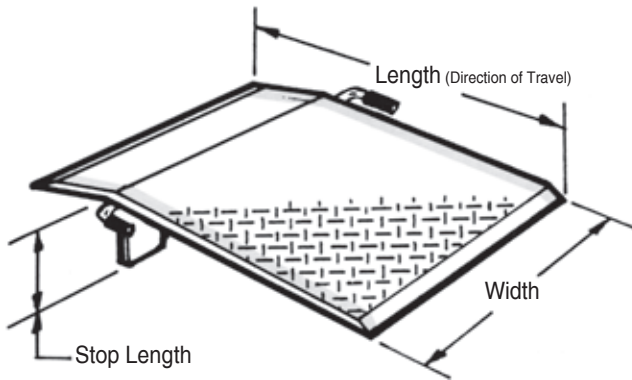
Remember, safety curbs take up 6" of usable space. Example: 60" wide dock board has 54" usable space.



Step 3. Determine length: Length is determined by maximum height difference between dock and truck floor.

See Curb Ramps on Pg. 88.

DOCK PLATES



- **TWO HANDLES** for easy convenient handling.
- **TREAD PLATE** surface for long service life.
- Yellow 'Safe-T-Lane' Painted edges, highly visible.
- **11" APRON** plus adequate 'Stops' for in-position anchoring plus machine beveled entry and exit edges.
- **10° BEND** angle providing ample height difference for wide service range is offered on all stock T-L plates.

Dock Plate size and Specification Chart

			EL SERIES		E SERIES		EH SERIES	
SIZE (W x L)	MAX HT. DIFF.	LEG LEN.	PART NUMBER	WT. CAP.	PART NUMBER	WT. CAP.	PART NUMBER	WT. CAP.
30" x 24"	3"	7"	EL 3024	2,196	E 3024	3,000	EH 3024	5,200
30" x 30"	4"	7"	EL 3030	1,757	E 3030	2,300	EH 3030	4,100
30" x 36"	5"	7"	EL 3036	1,464	E 3036	1,800	EH 3036	3,500
30" x 48"	7"	9"	EL 3048	1,098	E 3048	1,400	EH 3048	2,600
36" x 24"	3"	7"	EL 3624	2,636	E 3624	3,600	EH 3624	6,200
36" x 30"	4"	7"	EL 3630	2,108	E 3630	3,000	EH 3630	5,100
36" x 36"	5"	7"	EL 3636	1,757	E 3636	2,500	EH 3636	4,300
36" x 48"	7"	9"	EL 3648	1,318	E 3648	1,900	EH 3648	3,000
42" x 24"	3"	7"	EL 4224	3,075	E 4224	4,300	EH 4224	7,200
42" x 30"	4"	7"	EL 4230	2,460	E 4230	3,300	EH 4230	5,900
42" x 48"	7"	9"	EL 4248	1,537	E 4248	2,100	EH 4248	3,500
48" x 24"	3"	7"	EL 4824	3,514	E 4824	5,200	EH 4824	8,200
48" x 30"	4"	7"	EL 4830	2,811	E 4830	4,100	EH 4830	6,300
48" x 36"	5"	7"	EL 4836	2,343	E 4836	3,500	EH 4836	5,300
48" x 42"	6"	9"	EL 4842	2,008	E 4842	3,000	EH 4842	4,300
48" x 48"	7"	9"	EL 4848	1,757	E 4848	2,600	EH 4848	3,800
48" x 54"	8"	12"	N/A		E 4854	2,200	EH 4854	3,300
48" x 60"	9"	12"	N/A		E 4860	1,800	EH 4860	2,900
54" x 24"	3"	7"	EL 5424	3,953	E 5424	5,400	EH 5424	9,100
54" x 30"	4"	7"	EL 5430	3,163	E 5430	4,300	EH 5430	7,100
54" x 36"	5"	7"	EL 5436	2,636	E 5436	3,700	EH 5436	5,300
54" x 48"	7"	9"	EL 5448	1,977	E 5448	2,600	EH 5448	4,200
54" x 60"	9"	12"	N/A		E 5460	2,000	EH 5460	3,400
60" x 24"	3"	7"	EL 6024	4,393	E 6024	5,700	EH 6024	10,000
60" x 30"	4"	7"	EL 6030	6,514	E 6030	4,600	EH 6030	7,800
60" x 36"	5"	7"	EL 6036	2,928	E 6036	4,100	EH 6036	6,600
60" x 42"	6"	9"	EL 6042	2,510	E 6042	3,500	EH 6042	5,500
60" x 48"	7"	9"	EL 6048	2,196	E 6048	2,900	EH 6048	4,800
60" x 54"	8"	12"	N/A		E 6054	2,400	EH 6054	4,100
60" x 60"	9"	12"	N/A		E 6060	2,000	EH 6060	3,700
72" x 30"	4"	7"	EL 7230	4,217	E 7230	5,400	EH 7230	9,500
72" x 36"	5"	7"	EL 7236	3,514	E 7236	4,300	EH 7236	5,800
72" x 48"	7"	9"	EL 7248	2,636	E 7248	3,400	EH 7248	5,900

FIBERGLASS RAMPS

The 'Auto Loader' is Melchers most popular ramp with movers across the nation because it can also be used as a single 36"-wide ramp for loading household goods. Use the two 18"-wide halves separated for loading autos. Join the halves together for a 36" wide walk board for loads up to 5,000 pounds. Durable, economical, rugged, lightweight and easy to handle. Available in seven lengths to suit your job requirements and truck-bed height.

MODEL	LENGTH	WIDTH	WORKING HEIGHT	CAPACITY	RAMP WEIGHT
636AL	6 Ft.	36 in.	12 to 18 in.	4,000 lbs.	75 lbs.
7536AL	7-1/2 Ft.	30 in.	13 to 22 in.	4,000 lbs.	75 lbs.
836AL	8 Ft.	36 in.	16 to 24 in.	4,000 lbs.	95 lbs.
1036AL	10 Ft.	36 in.	20 to 30 in.	5,000 lbs.	135 lbs.
1236AL	12 Ft.	36 in.	26 to 35 in.	5,000 lbs.	155 lbs.
1436AL	14 Ft.	36 in.	30 to 45 in.	5,000 lbs.	175 lbs.
1636AL	16 Ft.	36 in.	34 to 50 in.	5,000 lbs.	220 lbs.

YARD RAMPS

Features

- Heavy-duty, hand operated hydraulic pump with overload by-pass valve.
- Full length 8" high safety curbs painted Saf-T-lane yellow.
- 24" Tread plate approach on apron end with full 15" lip.
- 36" Tread plate on ground end.
- Fast detachable tow bar with convenient storage brackets.
- Weather resistant, aluminum painted finish.
- Reinforced aluminum I-Beam construction.
- All-weather, Self-cleaning open grating.
- 18" x 5" Mold-on rubber tired wheels.
- Two spring-loaded safety anchor chains.



WIDTH	LENGTH	LEVEL OFF	CAPACITY	PAINTED STEEL GRATING	GALVANIZED STEEL GRATING	ALUMINUM GRATING
70"	30'	None	16,000 lbs.	ME-16-70-30	MG-16-70-30	MA-16-70-30
			20,000 lbs.	ME-20-70-30	MG-20-70-30	MA-20-70-30
			25,000 lbs.	ME-25-70-30	MG-25-70-30	MA-25-70-30
			30,000 lbs.	ME-30-70-30	MG-30-70-30	N/A
	36'	6'	16,000 lbs.	ME-16-70-36	MG-16-70-36	MA-16-70-36
			20,000 lbs.	ME-20-70-36	MG-20-70-36	MA-20-70-36
			25,000 lbs.	ME-25-70-36	MG-25-70-36	MA-25-70-36
			30,000 lbs.	ME-30-70-36	MG-30-70-36	N/A
	38'	8'	16,000 lbs.	ME-16-70-38	MG-16-70-38	MA-16-70-38
			20,000 lbs.	ME-20-70-38	MG-20-70-38	MA-20-70-38
			25,000 lbs.	ME-25-70-38	MG-25-70-38	MA-25-70-38
			30,000 lbs.	ME-30-70-38	MG-30-70-38	N/A
84"	30'	None	16,000 lbs.	ME-16-84-30	MG-16-84-30	MA-16-84-30
			20,000 lbs.	ME-20-84-30	MG-20-84-30	MA-20-84-30
			25,000 lbs.	ME-25-84-30	MG-25-84-30	MA-25-84-30
			30,000 lbs.	ME-30-84-30	MG-30-84-30	N/A
	36'	6'	16,000 lbs.	ME-16-84-36	MG-16-84-36	MA-16-84-36
			20,000 lbs.	ME-20-84-36	MG-20-84-36	MA-20-84-36
			25,000 lbs.	ME-25-84-36	MG-25-84-36	MA-25-84-36
			30,000 lbs.	ME-30-84-36	MG-30-84-36	N/A
	38'	8'	16,000 lbs.	ME-16-84-38	MG-16-84-38	MA-16-84-38
			20,000 lbs.	ME-20-84-38	MG-20-84-38	MA-20-84-38
			25,000 lbs.	ME-25-84-38	MG-25-84-38	MA-25-84-38
			30,000 lbs.	ME-30-84-38	MG-30-84-38	N/A

Note: 94" to 114" widths are available upon request.

Hilman Rollers

Hilman rollers with its exceptionally strong materials construction, and a wide range of modification possibilities provide ease and safety for all of your heavy moves. Capacities up to 1,000 tons per roller are available.

Contact us with your requirements.

Features

- From 1 Ton to 1,000 Tons.
- Rugged All Steel Construction.
- Rigid, Swivel or Swivel-locking Styles.

**PALLET PULLER****Model PUL-2**

The PUL-2 is compact and has a long reach which enables it to grip easily - even with overhanging loads. It is designed to pull any pallet to within a forklift's reach in seconds when forklift cannot reach load because of lack of dock or ramp facilities, mast height limitations, or the additional weight factor preventing lift truck from entering the truck. Pullers one piece self cleaning curved heads have integral spurs so arranged that they bite into stringers up to 6-1/2" thick. Rugged all steel construction.

NOTE: Pallet pullers are not designed for lifting.

MODEL	JAW OPENING	JAW HEIGHT	WEIGHT
PUL-2	4-1/2"	2-3/4"	21 lbs.



PUL-2

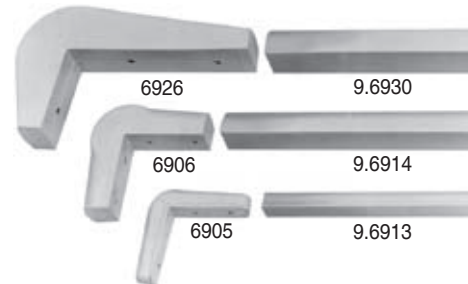
NOTE: Pallet pullers cannot be load rated because of the infinite variety of surface conditions that can be encountered between the pallet and the surface on which they are sliding. The force required to pull a wooden pallet on a wooden truck bed can be as much as 70% of the total pallet weight. The manufacturer's recommended working load limit is 1,250 lbs. for 1/4" proof coil chain and 1,900 lbs. for 5/16" proof coil chain.

BUMPERS

Corner/Continuous Bumpers

Grey corner bumpers with matching strip bumpers provide protection to the full perimeter of equipment. Strip bumpers are made with flat steel inserts for permanent attachment. Inserts in strip bumpers are not predrilled. They can be easily cut to size with a hacksaw and drilled as needed. Insert in corner bumper model 6926 is predrilled for mounting. Corner bumpers 6905 and 6906 have no inserts.

MODEL	INSERTS	LENGTH	WIDTH	THICKNESS	MOUNTING HOLES
6926	Insert	6- ³ / ₁₆ " long side 3- ¹ / ₁₆ " short side	1- ¹ / ₂ "	1- ¹ / ₈ " 1- ³ / ₄ "	¹⁷ / ₆₄ "
9.6930	Insert	16 ft. Max.	1- ¹ / ₂ "	1"	-
66930	No Insert	50 ft. Max.	1- ¹ / ₂ "	1"	-
6906	No Insert	2- ⁵ / ₈ " each side	1- ¹ / ₈ "	1"	¹³ / ₆₄ "
9.6914	Insert	16 ft. Max.	1- ¹ / ₈ "	1"	-
66914	No Insert	50 ft. Max.	1- ¹ / ₈ "	1"	-
6905	No Insert	2- ¹ / ₂ " each side	³ / ₄ "	³ / ₄ "	¹ / ₈ "
9.6913	Insert	20 ft. Max.	³ / ₄ "	⁵ / ₈ "	-
66913	No Insert	50 ft. Max.	³ / ₄ "	⁵ / ₈ "	-



Corner Bumpers

The model 6927 heavy duty corner bumper has an extra rounded build-up on the apex of the corner where shocks and wear are greatest. Ends are tapered and rounded. Each side is 3" long and 1-¹/₈" wide at the base.

The model 501 bumper is 3-¹/₈" long and ¹⁵/₁₆" wide at the base.

MODEL	THICKNESS AT CORNER	THICKNESS AT END	MOUNTING HOLES	LENGTH (SIDES)
6927	1- ⁵ / ₁₆ "	1"	³ / ₁₆ "	3"
501	¹⁵ / ₁₆ "	¹⁵ / ₁₆ "	³ / ₁₆ "	3- ¹ / ₈ "



Misc. Bumpers



6901 End Bumper

The model 6901 is generally used at the end of tubular handles. Available in 3-¹/₄" (6901) and 1-³/₄" (6901.01) diameters.



18-W Stop Bumper

The model 18-W has a diameter of ³/₄" with a height of ⁹/₁₆". Generally used as a foot for equipment or as a limit travel bumper.



B-5" Rolling Bumper

The model B-5" has a 5" diameter with a ¹/₂" mounting hole. When in contact with an object or wall the bumper swivels with the object leaving no scuff marks. Other mounting hole diameters available.

MISCELLANEOUS



Caster Puller

A handy tool for removing, measuring, installing and adjusting casters. Ideal for furniture repair.



Stem Puller

A convenient tool for removing stems from dual wheel office furniture caster bodies.

CASTER TOOLS



Socket Puller

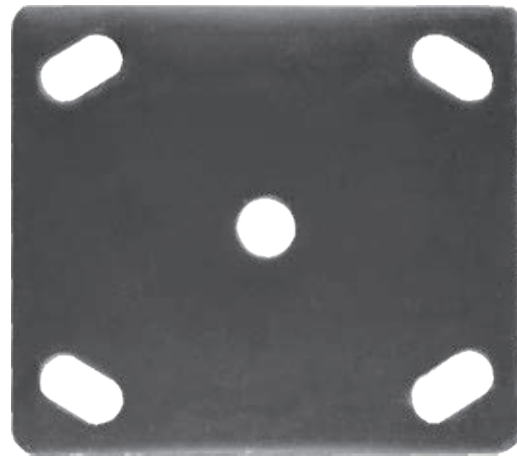
An indispensable tool for removing metal sockets from wood base furniture. Mandatory equipment for furniture repair.

CASTER WELD PLATES



WELD PLATE SM

Size = 2-1/2" x 3-5/8"
Hole Pattern = 1-3/4" x 2-13/16" Slotted to 3-1/16"
Hole Diameter = 5/16"



WELD PLATE LG

Size = 4" x 4-1/2"
Hole Pattern = 2-5/8" x 3-5/8" Slotted to 3" x 3"
Hole Diameter = 3/8"

Weld Plates

These steel plates can be welded onto your product to provide standard bolt holes for institutional or truck duty casters. Plates must be welded perpendicular to the ground for proper caster operation.

Hardware



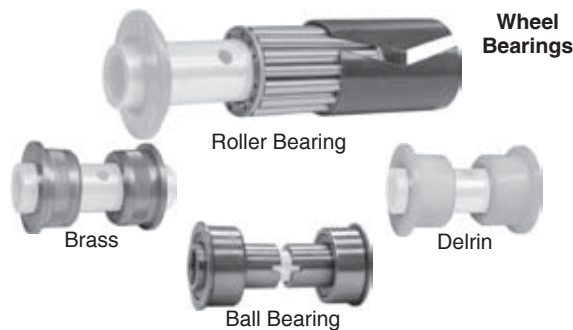
Axles



Bushings

DIA.	LENGTH	NOTES	PART NUMBER
3/16"	1-3/16"	Notched (869?)	A316X1.1875N
1/4"	1-5/16"	Notched (969?)	A1/4X1.375N
5/16"	1-3/4"	Notched	A5/16X1.75N
	1-27/32"	Notched (3600, 4025)	AN31-184
	2-1/16"	Notched (9009)	A5/16X2.125N
	1-29/32"	Notched (3600-TLB)	AN31-191
	2-3/16"	Notched, Zerk (3XX?)	A5/16X2.1875N
3/8"	2-1/8"	Grease Axle Colson	AZ3/8X2-1/8Z
		Notched (5200)	AN38-213
	2-3/16"	Zerk (J&J)	A3/8X2-3/16Z
	2-1/4"	Notched (5200-TLB, 5000)	AN38-225
		Zerk (5200-TLB, 5000)	AZ38-225
		Stainless Steel	A3/8X2.25SS
	2-7/16"	Notched (5000-TLB)	AN38-244
	2-5/8"	Notched, Zerk (S368, 4XX)	A3/8X2.62CZN
		Notched (8030-Trio)	AN38-263
1/2"	2-13/16"	Zerk (1-1/2" Truck Duty)	53-105
	3-1/2"	Zerk (2" Truck Duty)	A1/2X3-1/2Z
	4"	Notched, Zerk (HS/HR)	A1/2X4Z
	4-1/2"	8" Pneumatic	A1/2X4.5
	5-3/16"	10" Pneumatic	53-116
3/4"	4-1/2"	Zerk (Heavy Duty)	A3/4X4-1/2
	4-15/16"	Zerk (Heavy Duty)	A3/4X4-15/16Z
	5"	Heavy Duty	A3/4X5

DIMENSION	LENGTH	NOTES	PART NUMBER
3/8" X 5/16"	1-5/16"	-	3/8X5/16X1.312
	1-1/2"	-	3/8X5/16X1.5
	1-5/8"	-	3/8X5/16X1.625
1/2" X 3/8"	1-1/2"	Colson 2 Series	1/2X3/8X1.5Z
	1.6"	J&J	1/2X3/8X1.6Z
	1.625"	Delrin	1/2X3/8X1.625D
	1.66"	Oversize Whls	1/2X3/8X1.66Z
5/8" X 3/8"	1-1/2"	-	5/8X3/8X1-1/2Z
	1.687"	J&J	5/8X3/8X1.687"
	1.8125"	-	5/8X3/8X1.8125"
5/8" X 1/2"	1-7/8"	1-1/2" Truck Duty	5/8X1/2X1-7/8Z
	2"	-	5/8X1/2X2Z
3/4" X 1/2"	1-7/8"	1-1/2" Truck Duty	53-200
	2-7/16"	2" Wheels	3/4X1/2X2-7/16Z
		2" Wheels, SS	3/4X1/2X2-7/16S
		2" Wheels, Delrin	3/4X1/2X2-7/16D
	2-1/2"	2" Truck Duty	3/4X1/2X2-7/2Z
	3-1/4"	8" Pneumatic	3/4X1/2X3-1/4Z
	4"	10" Pneumatic	3/4X1/2X4Z
3/4" X 5/8"	2-7/16"	2" Truck Duty	3/4X5/8X2-7/16Z
1" X 3/4"	3"	Tilden	1X3/4X3Z
	3-1/2"	Tilden	1X3/4X3-1/2Z
	3-9/16"	RWM	1X3/4X3-9/16Z
	4-1/2"	-	1X3/4X4-1/2Z
1-1/4" X 1"	3-9/16"	-	1.25X1X3-9/16



Wheel Bearings

Roller Bearing

Brass

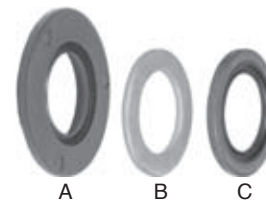
Delrin

Ball Bearing

DIMENSION	LENGTH	STYLE	PART NUMBER
1/2" X 1-3/16"	2-7/16"	Ball B.	1/2X1-3/16BB
5/8" X 1-3/16"	1-3/8"	RB	5/8X1-3/16X1-3/8
	1-7/8"	RB	5/8X1-3/16X1-7/8
3/4" X 1-3/16"	1-3/8"	RB	3/4X1-3/16X1-3/8
	1-7/8"	RB	3/4X1-3/16X1-7/8
	-	Brass	BZ34
	-	Delrin	3/4X1-3/16DEL
1" X 1-15/16"	2-1/2"	RB	1X1-15/16X2-1/2
	3"	RB	1X1-15/16X3

Bearing Types on Page 6.

Washers & Seals



A

B

C

DIMENSION	STYLE	NOTES	PART NUMBER
5/8" X 1-3/16"	B	Retainer Washer	5/8X1-3/16W
	C	Neoprene Seal	5/8X1-3/16WS
	A	Plastic Seal	5/8X1-3/16WSP
3/4" X 1-3/16"	B	Retainer Washer	3/4X1-3/16W
	C	Neoprene Seal	3/4X1-3/16WS
	A	Plastic Seal	3/4X1-3/16WSP
1" X 1-15/16"	B	Retainer Washer	1X1-15/16W
	C	Neoprene Seal	1X1-15/16WS

Inquire about Stainless Steel Axles, Bushings and Roller Bearings.

STEM MOUNTINGS

T29		5/16" -18 x 3-1/2" Pages 10, 12, 13
TAP		1/2" -13 x 2-11/16" Page 24
T27		7/16" -14 x 2-1/4" Page 18
T12		5/16" -18 x 2" Pages 10, 12, 13
T15 (-10)		3/4" -10 x 1-3/4" Page 23
T13 (-11)		5/8" -11 x 1-3/4" Page 23
T14 (-18)		1/2" -18 x 1-1/2" Pages 18, 23 and 49
T10 (-13)		1/2" -13 x 1-1/4" Pages 10, 12, 13 and 18
T122 (-20)		5/16" -20 x 1" Pages 10-13, 15 and 18
T05		3/8" -16 x 1-1/2" Pages 10, 12, 13 and 15
T26		3/8" -16 x 1-1/2" Pages 10, 12, 13 and 15
T41		1/2" -13 x 1" Page 48
T07		1/2" -13 x 1" Pages 10-13, 15 and 18
T22 (-13)		1/2" -13 x 1" Pages 10-13, 15 and 18
T222 (-20)		1/2" -20 x 1" Pages 10-13, 15 and 18
T37		3/8" -16 x 1-1/2" Pages 10, 12, 13 and 15
T39		3/8" -24 x 5/8" Pages 10, 12, 13 and 15
T28		1/4" -20 x 5/8" Pages 10, 12, 13 and 15
T12		1/4" -20 x 5/8" Pages 10, 12, 13 and 15
T10m		10mm x 15mm Page 15
T25		5/16" -18 x 1-1/2" Pages 10-13
T08m		8mm x 15mm Page 15
T06m		6mm x 15mm Page 15

Expanding Rubber Stems

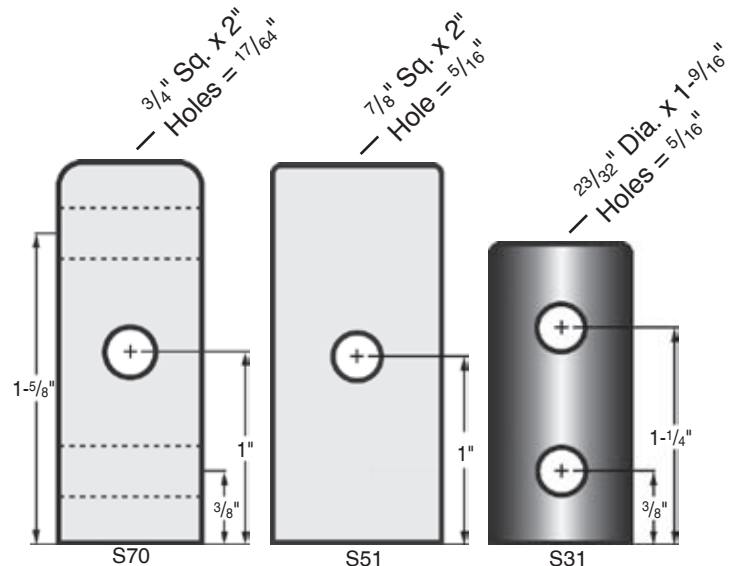
Available Sizes

CODE	INSIDE DIAMETER
APP40	3/4" -> 13/16"
APP41	7/8" -> 15/16"
APP42	1" -> 1-1/16"
APP43	1-1/8" -> 1-3/16"
APP44	1-1/4" -> 1-5/16"
APP45	1-3/8" -> 1-7/16"
APP46	1-1/2" -> 1-9/16"
APP47	1-5/8" -> 1-11/16"



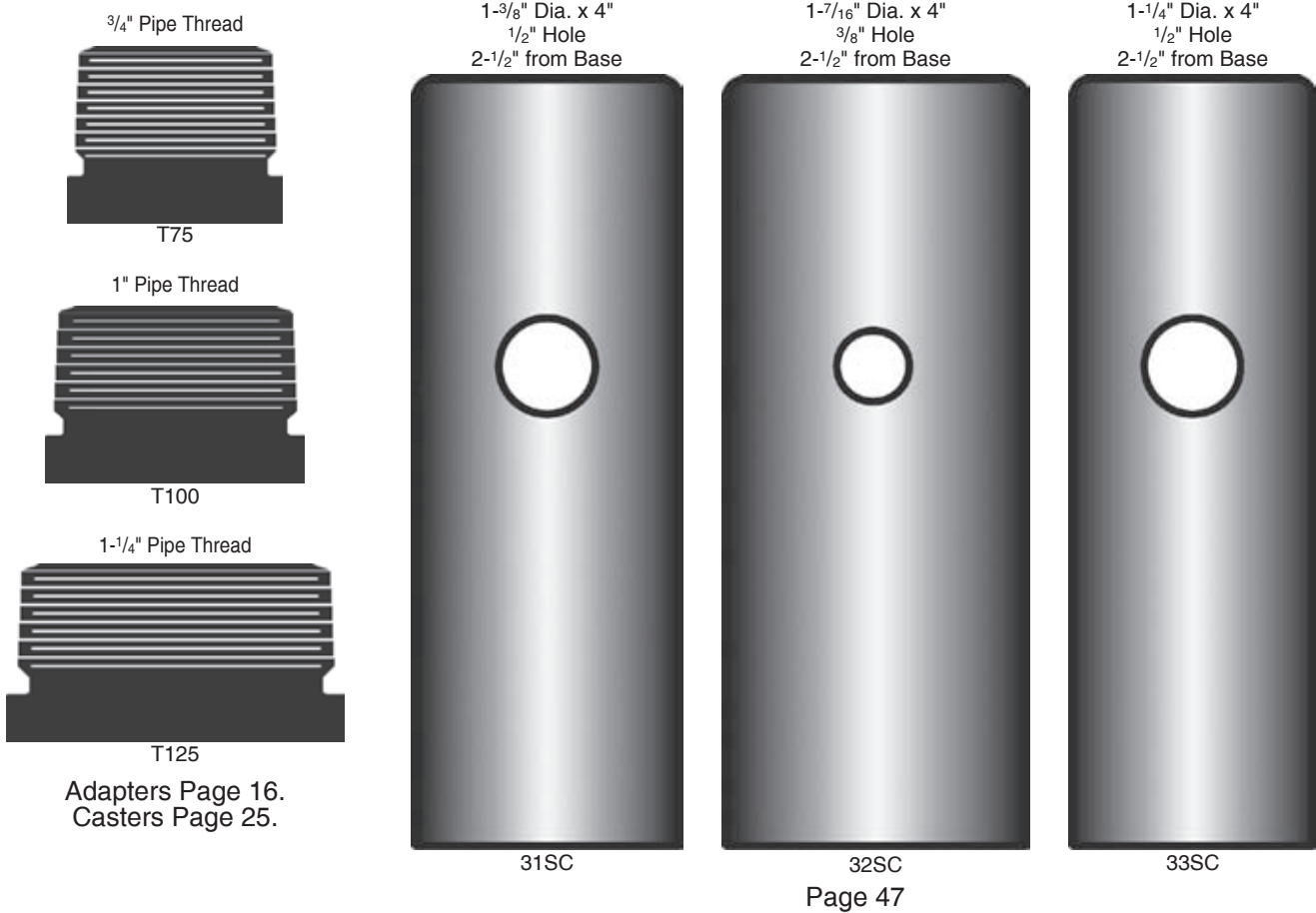
Page 13

Drawings Full Scale



Page 54

STEM MOUNTINGS



Drawings Full Scale

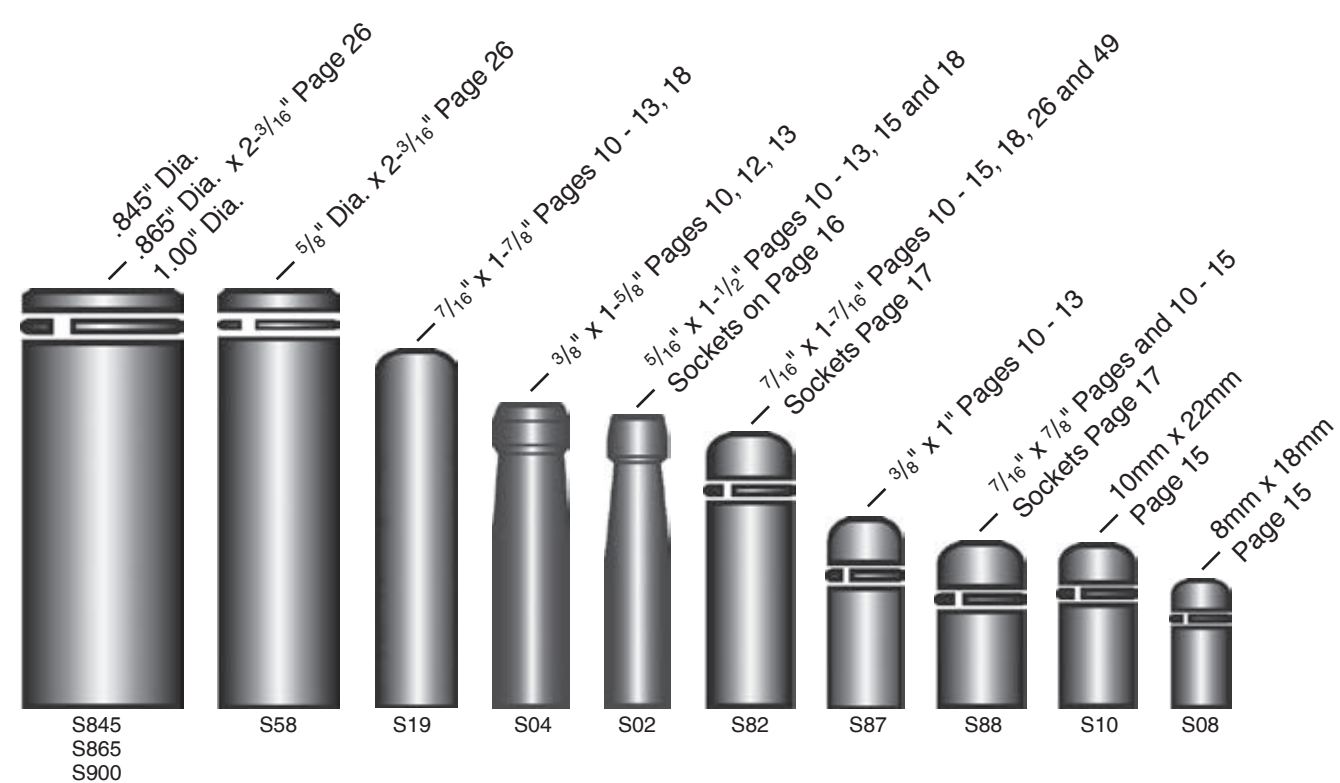
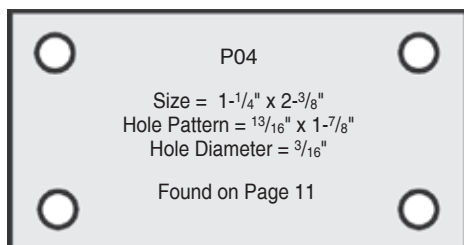
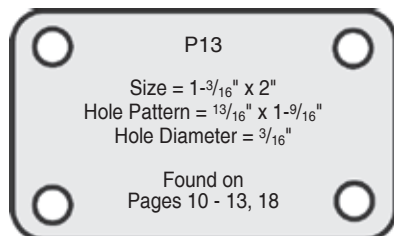
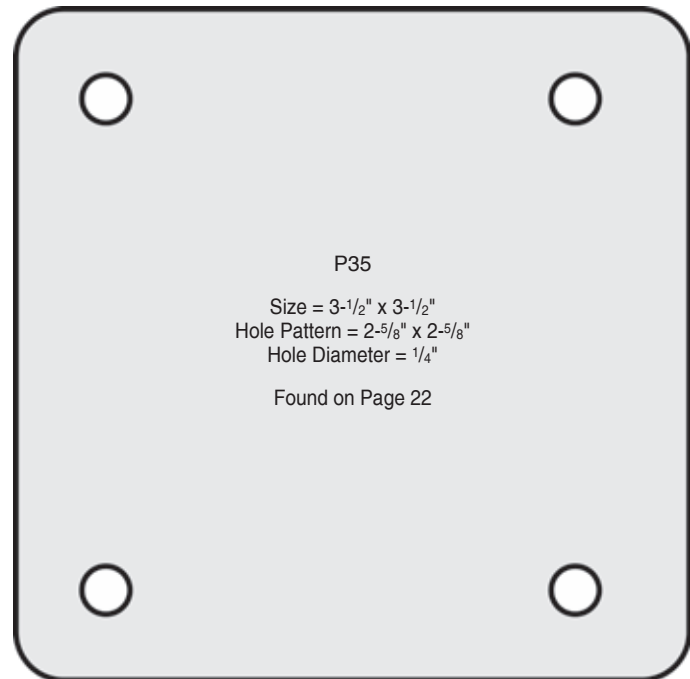
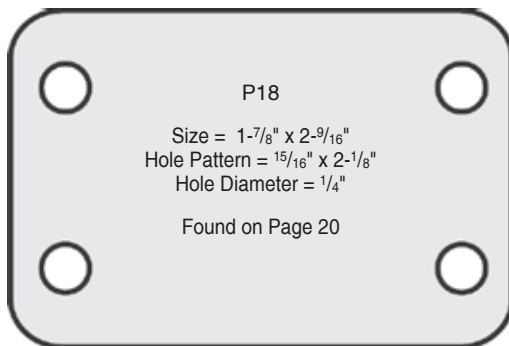
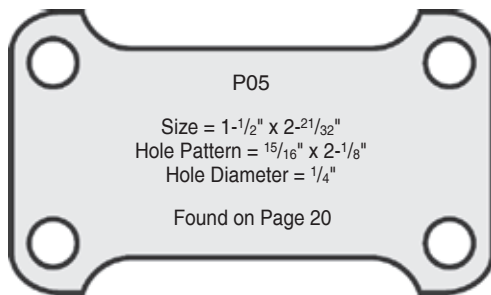
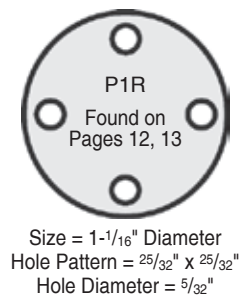
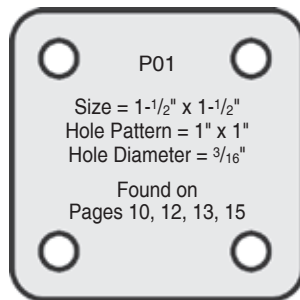
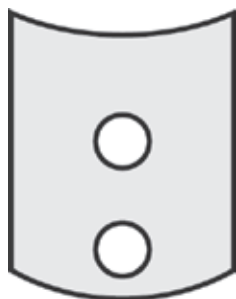
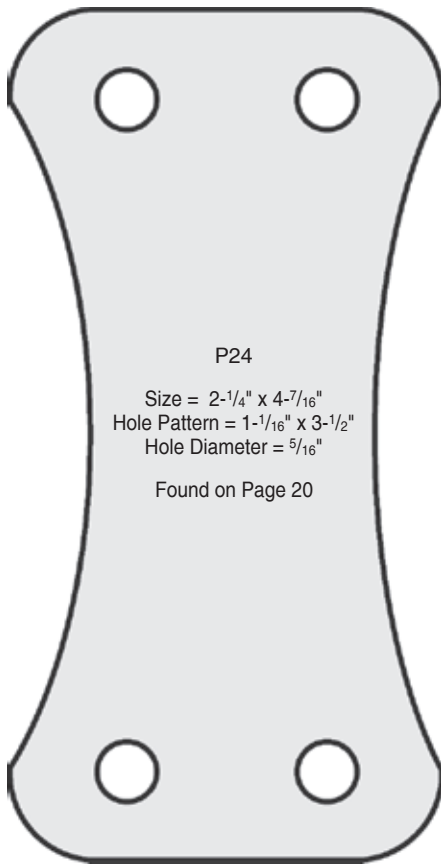
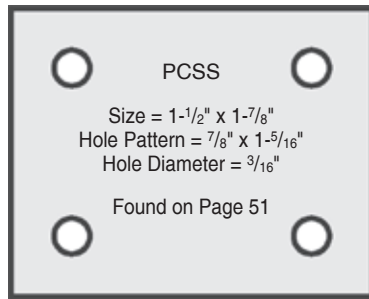


PLATE MOUNTINGS

Drawings Full Scale



Drawings Full Scale



Size = 1-3/16" x 1-1/2"
Bolt Hole = 9/16" on Center
Hole Diameter = 1/4"
Found on Page 52

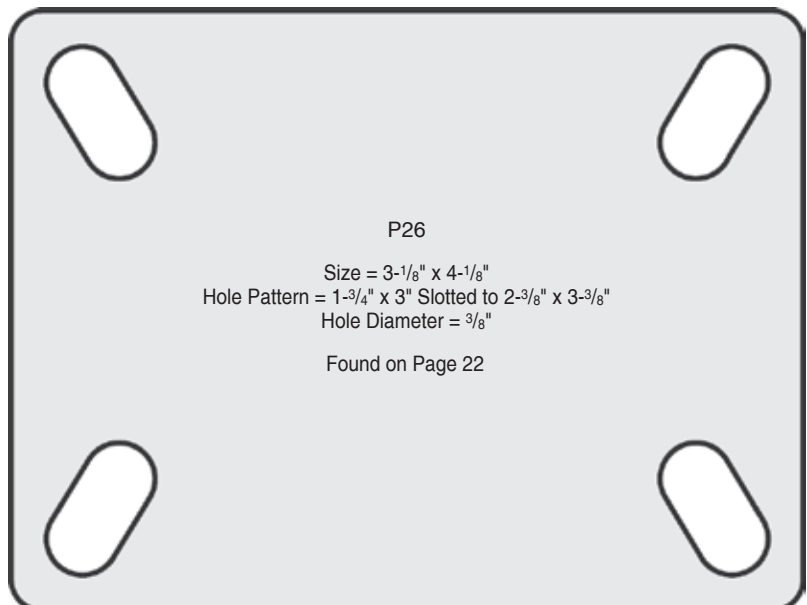
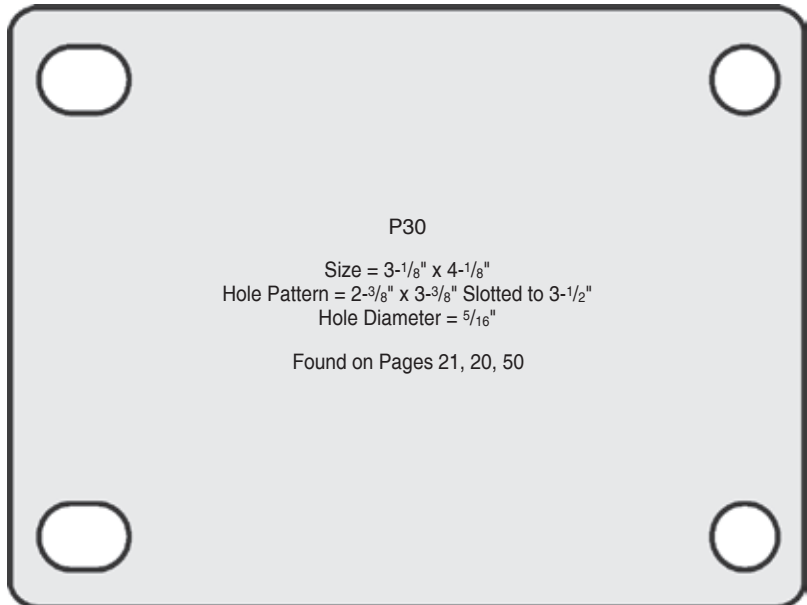
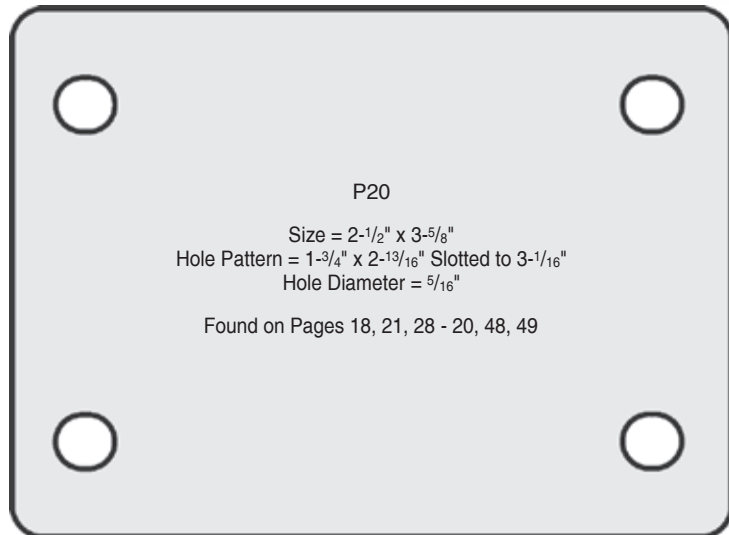
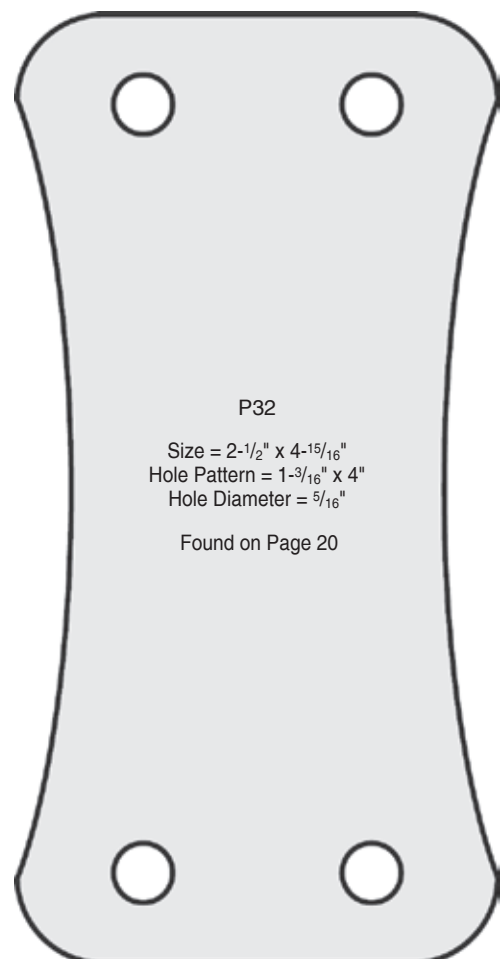
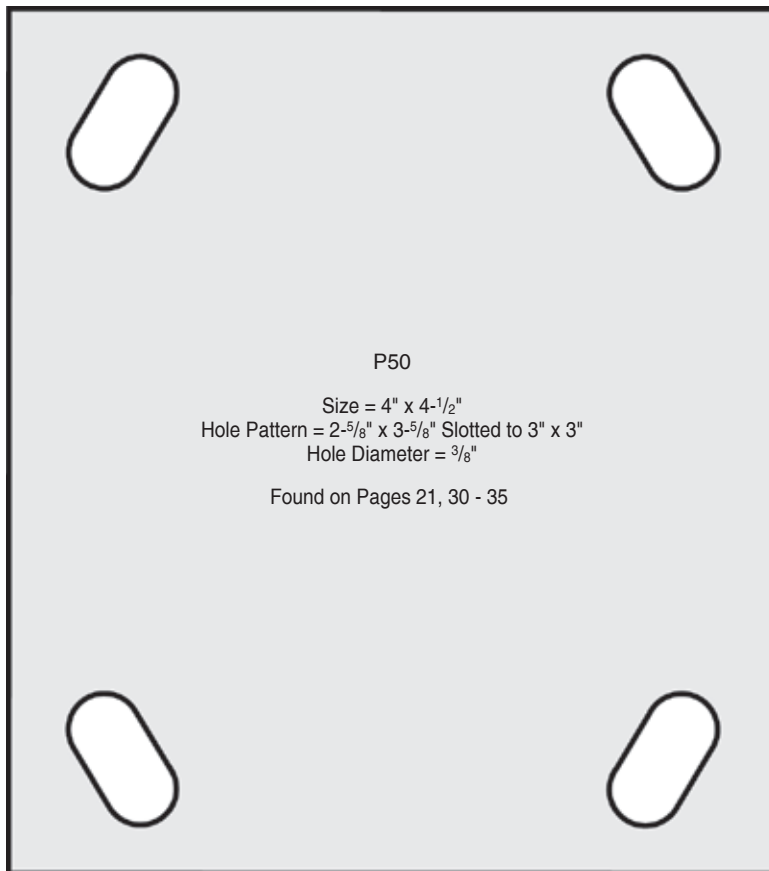
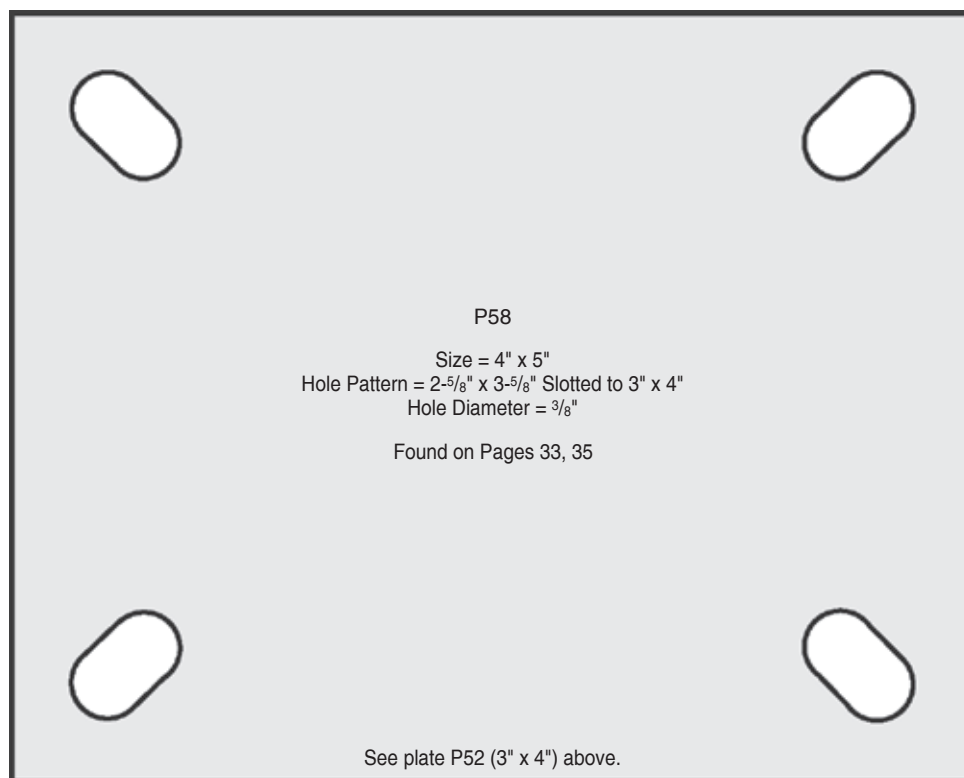
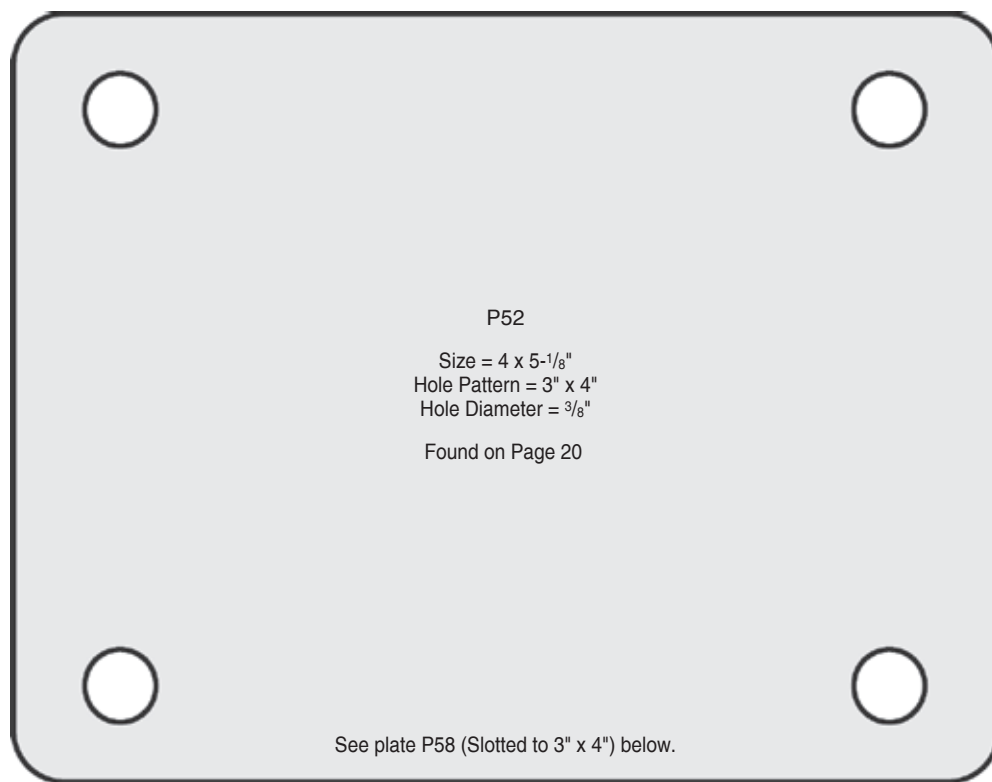
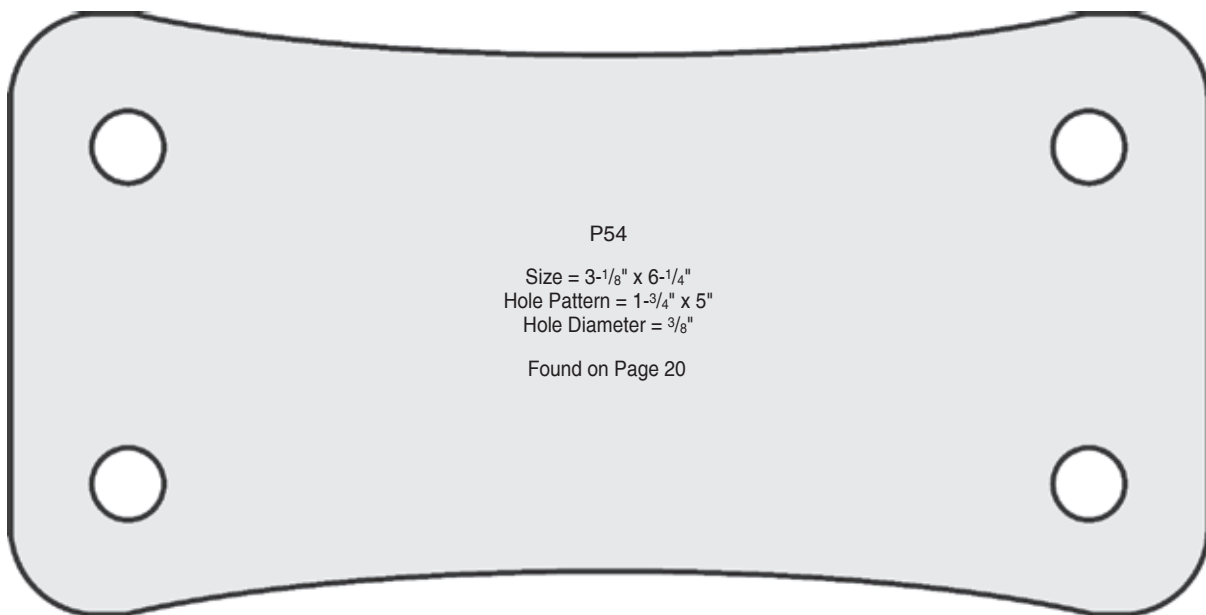


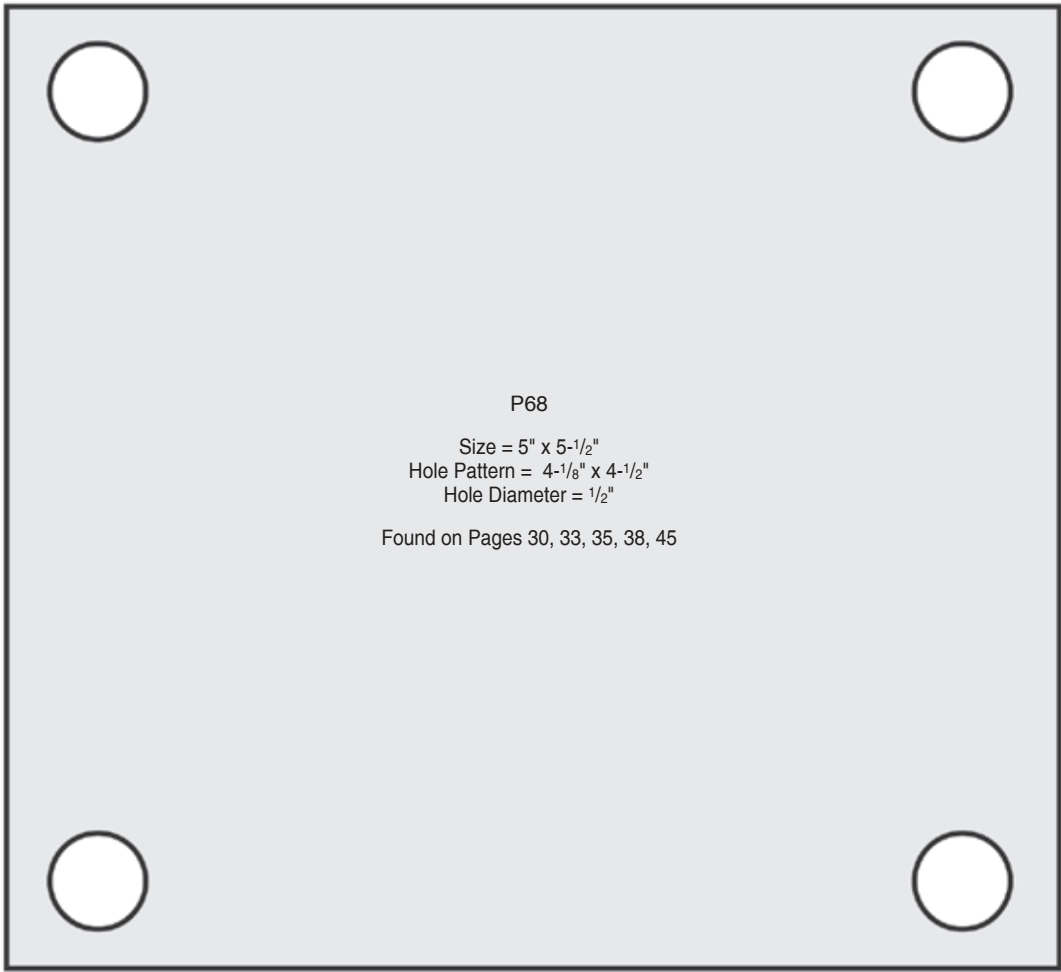
PLATE MOUNTINGS

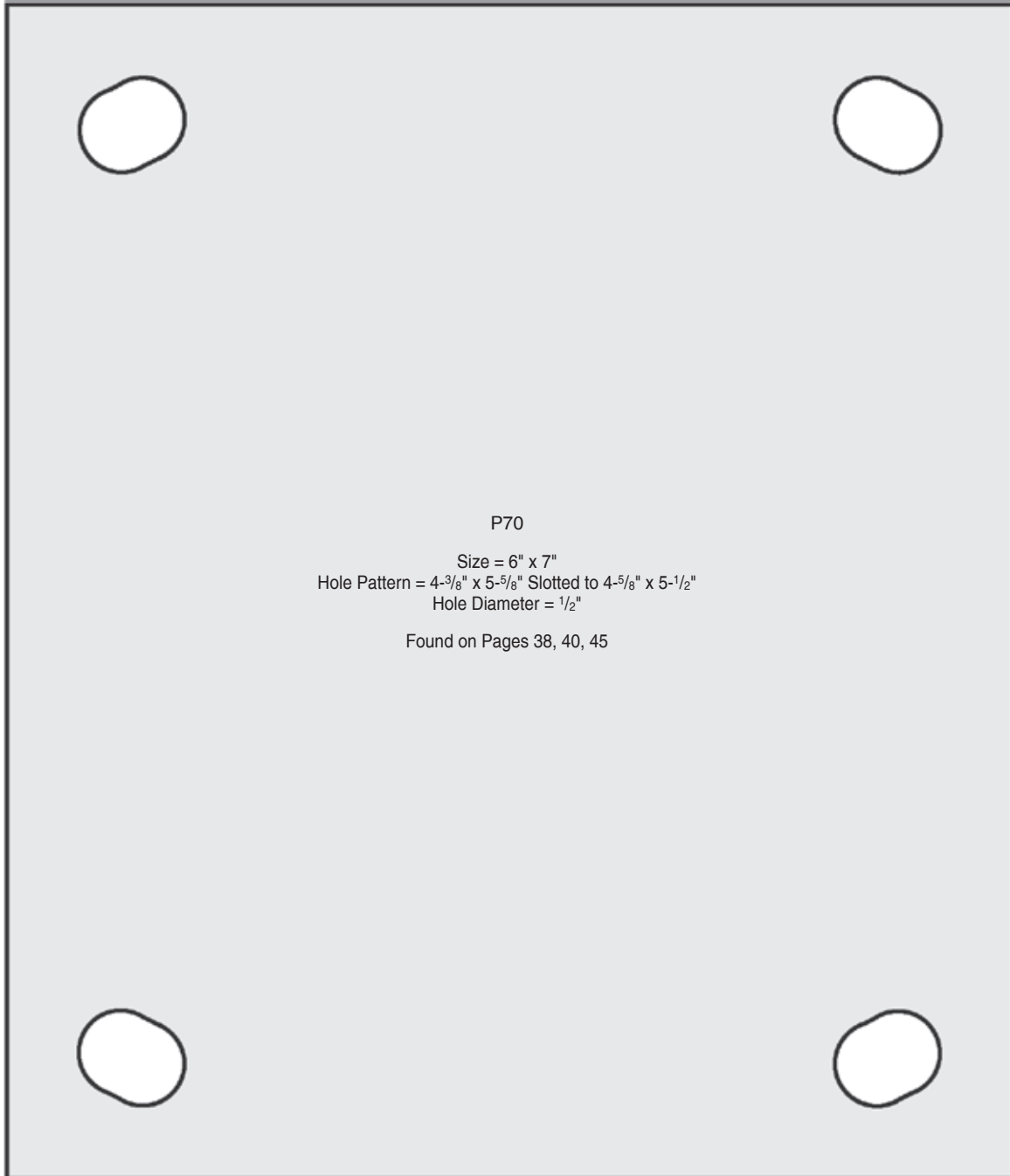
Drawings Full Scale



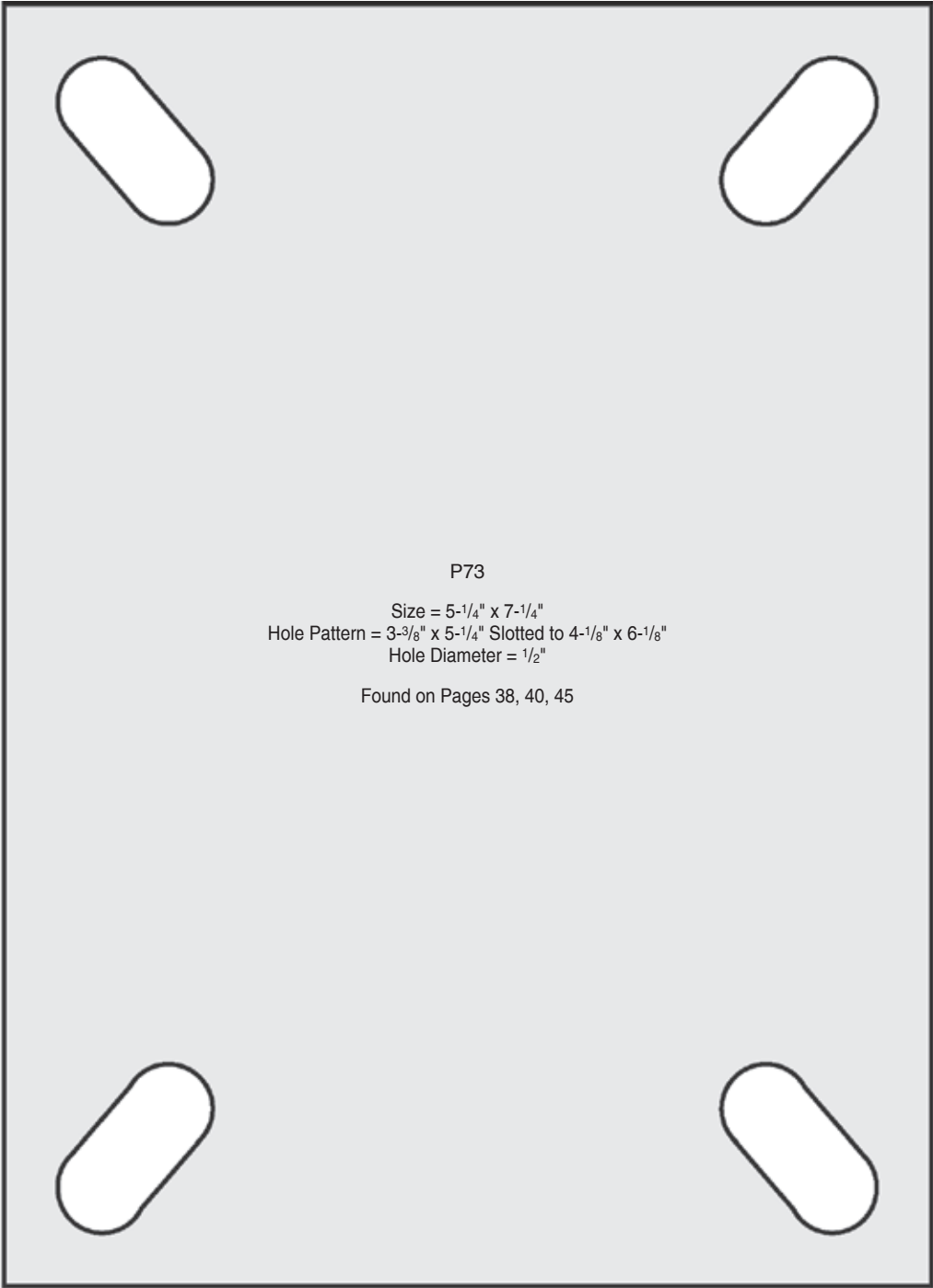


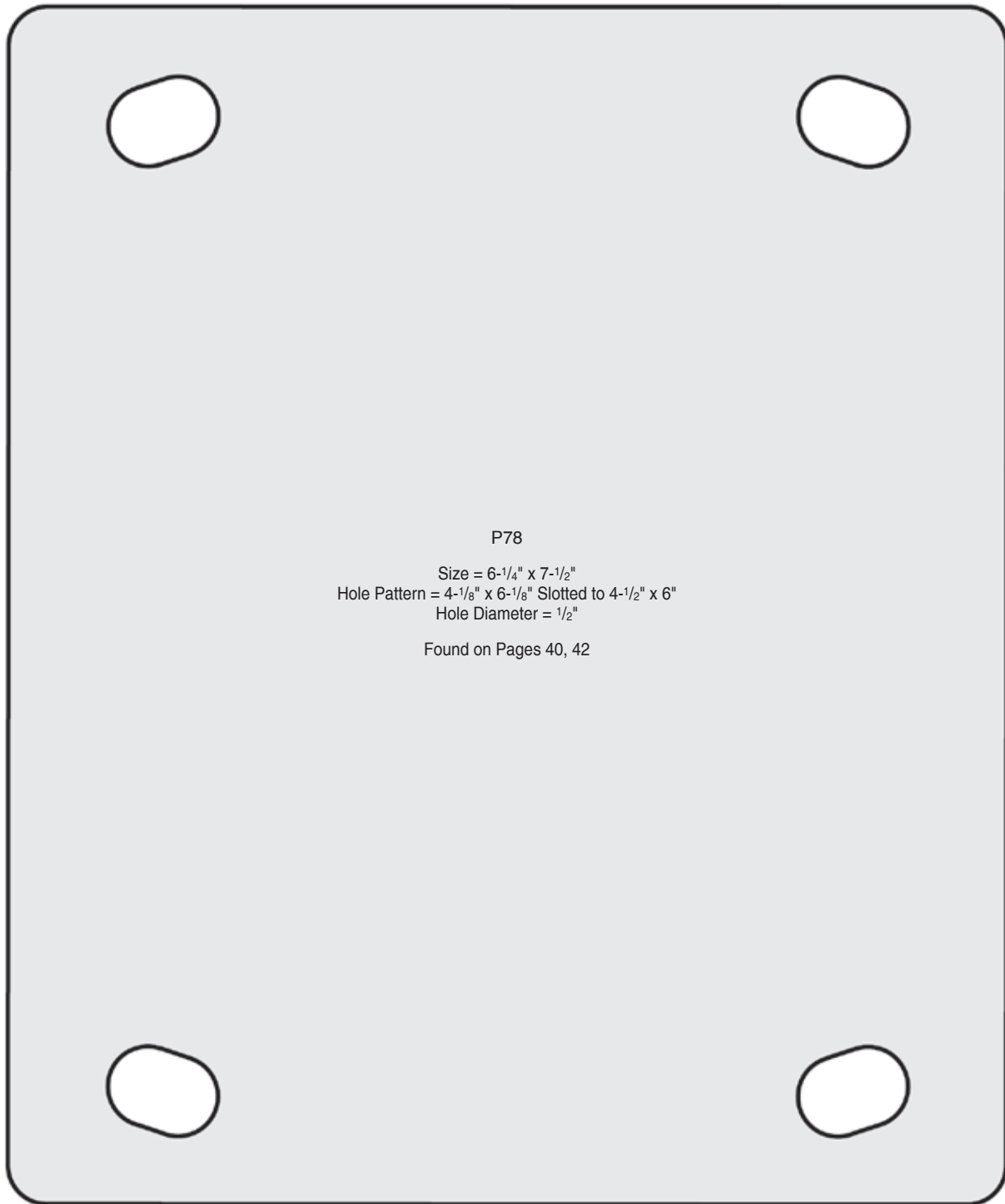






Drawings Full Scale





Drawings NOT to Scale

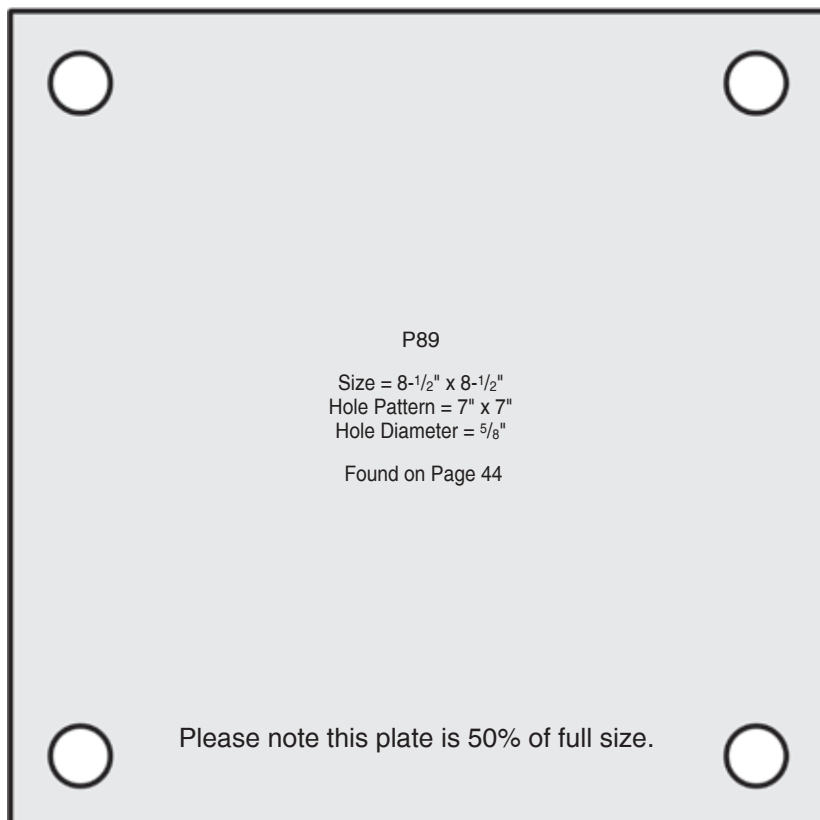
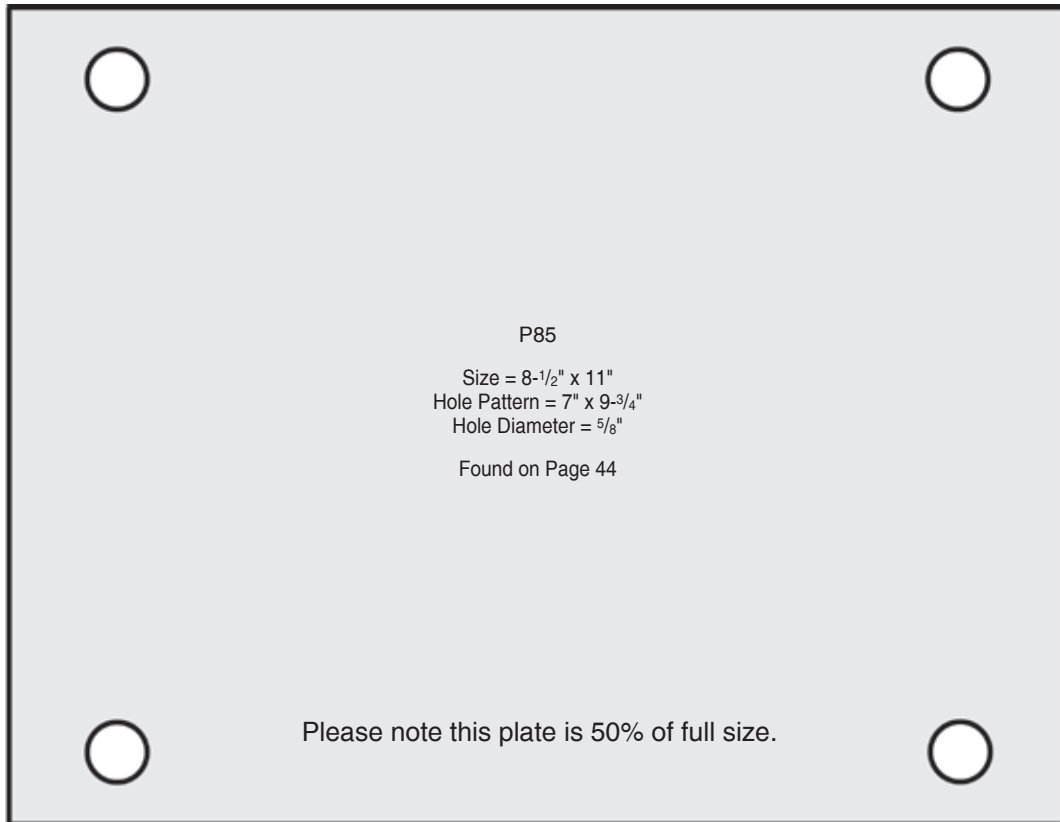


PLATE MOUNTINGS

Index

Symbols

*product numbers

1.02266.441 pg. 18
 2.00004.52HT pg. 65
 2.00004.53 pg. 63
 2.00004.441 pg. 60
 2.00005.95 pg. 67
 2-75-???-0820-S pg. 45
 3-Wheel Dollies pg. 116
 5.00004.139 pg. 58
 5.00004.649.7 pg. 68
 5.00006.339 pg. 61
 5.00006.459 pg. 60
 5.00006.539 pg. 62
 5.00006.929 pg. 67
 7/16 Grip Ring Socket pg. 17
 8mm pg. 15
 10mm pg. 15
 10RP pg. 17
 25RP pg. 16
 76-???-0825-S pg. 40
 95-???-0825-S pg. 42
 100 pg. 91
 120 pg. 92
 125-???-0840-S pg. 44
 500 pg. 113
 828B pg. 94
 904 pg. 93
 950-21A pg. 91
 3220- pg. 18
 3640-01-SR pg. 19
 3650-11-HR pg. 19
 3830 pg. 112
 3900 pg. 112
 6906 Bumper pg. 127
 Alum. Convertibles pg. 86–87
 Alum. Hand Trucks pg. 83–85
 Appliance Trucks pg. 96–99
 Axles pg. 129
 Bearings, Caster pg. 129
 Bumpers pg. 127
 Bushings pg. 129
 Carts pg. 107–109
 Chair Dolly pg. 113
 CM4000 pg. 13
 Desk Movers pg. 113
 Dock Board pg. 122
 Dock Plates pg. 123
 Dollies pg. 114
 Drum Trucks pg. 100
 Drywall Dolly pg. 111

DZ215 pg. 14
 Elastomer Whl pg. 62
 Equip. Movers pg. 119
 Flanged Whl pg. 70
 Freight Prys pg. 104
 FSR-0830-12 pg. 58
 Glides pg. 72–76
 GRM-044 pg. 17
 GTB-0620-08 pg. 62
 Handicart pg. 93
 High Temp. Whl pg. 65
 HMCC-34 pg. 16
 HR Whl pg. 69
 JUNIOR pg. 86–87
 Maxim Whl pg. 62
 MOP-CA Whl pg. 57, 66
 MOP-CI Whl pg. 66
 MOR-CA WHL PG. 56, 68
 MOR-CI Whl pg. 68
 NA2200 pg. 13
 Nylon Retread Caps pg. 81
 Nylon Whl pg. 62–63
 P6B pg. 118
 PA5000 pg. 10
 PA6000 pg. 10
 Pads pg. 104
 Pallet Puller pg. 126
 Pallet Trucks pg. 120
 Panel Movers pg. 112
 Phen. Whl pg. 61
 Pipe Thread Adapters pg. 16
 PL2500 pg. 12
 Platform Trucks pg. 110–111
 Pneu. Whl pg. 64, 84
 PUL-2 pg. 126
 Raymond pg. 113
 Reverse Brake Caster pg. 14
 Roll-or-Kari pg. 118
 S4.3305... pg. 50
 Safety Brake Caster pg. 14
 SB-20 pg. 11
 SE2000 pg. 12
 SENIOR pg. 86–87
 Shovel Nose HT pg. 94
 SN3000 pg. 13
 SR2802BN-P pg. 16
 SR Whl pg. 69
 ST1500 pg. 12
 STL Whl pg. 58
 Straps pg. 102–103
 Threaded Adapters pg. 81
 T-Nuts pg. 81
 Tools Casters pg. 128
 Tubes pg. 64
 U-Boat pg. 117
 UIR-0620-12 pg. 66

UOR-0820-08 pg. 67
 V-Groove Whl pg. 70
 W-63-XD pg. 59
 Wood Sockets pg. 16
 WS-38206 pg. 66

A

Accessory Bag for Hand Truck pg. 88
 Alum. Appliance Truck pg. 98–99
 Alum. Hand Truck Components pg. 84–85
 Aluminum Platform Trucks pg. 110
 Appliance Caster pg. 50
 Appliance Trucks pg. 96–99
 Applicator casters pg. 24
 Axles pg. 129

B

Ball Bearings pg. 105
 Ball Casters pg. 11–13
 Ball Transfers pg. 53
 Bearing Information pg. 6
 Bearings pg. 129
 Blankets pg. 104
 Bolt Hole casters pg. 28
 Brake Information Caster pg. 8–9
 Brute Truck pg. 99
 Bumpers pg. 127
 Bushings pg. 129
 Business Machine Casters pg. 50

C

Canvas Trucks pg. 108
 Caps pg. 77
 Carpet Top Dolly pg. 114
 Carts pg. 107–109
 Heavy Duty pg. 107
 Light Duty pg. 107
 Plastic pg. 108
 Service pg. 107
 Steel pg. 107, 109
 Stocking pg. 109
 Structural Foam pg. 108
 Tubular Steel pg. 109
 Caster Puller pg. 128
 Casters
 Appliance pg. 50
 Brake Information Page pg. 8
 Business Machine pg. 50
 Carpet pg. 10, 11, 12, 15
 Concealed pg. 52
 Creeper pg. 51
 Dual Wheel pg. 10, 15, 45, 48, 49

INDEX

Economy pg. 20
Furniture
 Ball pg. 11
 Carpet pg. 10, 12, 15
 Dual Wheel pg. 10, 14, 15
 Low Profile pg. 14
 Metal Ball pg. 12–13
 Neoprene pg. 11
 Rubber Tread Ball pg. 13
Gate pg. 46
Heavy Duty pg. 33, 38, 50
 Dual Wheel pg. 45
 Kingpinless pg. 33, 38–45
Institutional
 Dual Wheel pg. 48
 Expanding Stem pg. 24
 Grip Ring pg. 26
 Low Height pg. 20
 Miscellaneous Stems pg. 27
 Pipe Thread pg. 25
 Stem pg. 23, 27
 Threaded Stem pg. 23
Kingpinless pg. 33, 38–45
Ladders pg. 46
Light Duty pg. 18
Low Height pg. 15, 20, 49–52
Master pg. 11
Metal Ball Rubber Tread pg. 13
Metric Stems pg. 15
Neoprene Wheel pg. 11, 49
Non-Marking pg. 10–11, 15
Pacer pg. 10
Planet pg. 12
Quiet pg. 11, 49
Saturn pg. 13
Scaffolding pg. 47
Shepherd pg. 10, 12–13
Soft Tread pg.
 11, 13, 15, 18, 48, 49
Spring Loaded pg. 46
 For Ladders pg. 46
Super Ball pg. 11
Tile Floors pg. 49
Travelaid pg. 48
Truck Duty pg. 30–33
 High Weight Capacity pg. 33
 Pneumatic pg. 34
Chair Dollies pg. 113
Concealed casters pg. 52
Convertible
 Aluminum pg. 86–87
 Steel pg. 92
Corner Bumpers pg. 127
Creeper Casters pg. 51
Crutch Tips pg. 76
Curb Ramp pg. 88

Cylinder Hand Truck pg. 91

D

Definitions of Terms pg. 5
Delrin Bearings pg. 6
Desk Movers pg. 113
Dock Boards pg. 122
Dock Plates pg. 123
Dolly
 3 - Wheel pg. 116
 Angle Iron pg. 114
 Carpet Top pg. 114
 Chair pg. 113
 Custom Decks pg. 115
 Drum pg. 101
 Drywall pg. 111
 Equipment Mover pg. 118–119
 File Mover pg. 118
 Piano pg. 114
 Rubber Top pg. 114
 Sheetrock pg. 111
 Solid Wood Decks pg. 115
 Wood Decks pg. 115
Drum Cradle pg. 101
Drum Dolly pg. 101
Drum Hand Truck pg. 100
Drywall Truck pg. 111
Dual Wheel Casters pg.
 10, 15, 45, 48, 49
DZ215-3X1B pg. 14

E

Elastomer Wheels pg. 62
Equipment Mover pg. 118–119
Expanding Rubber Stems pg. 130
 Casters pg. 24
Eze-Off Hand Truck pg. 91

F

Felt Glides pg. 74
Fiberglass Ramps pg. 124
File Cabinet Mover pg. 115, 118
Flanged Wheels pg. 70
Floor Lock pg. 54–55
Folding Hand Trucks pg. 86–87,
 92–93
Freight Pry pg. 104
Furniture Blankets pg. 104
Furniture Casters pg.
 10, 11, 12, 13, 15, 18
Furniture Pads pg. 104
Furniture Tie pg. 102

G

Garbage Can Dolly pg. 101

Gemini pg. 86–87
General Duty Casters pg. 20
Glides pg. 72–76
 Adapters pg. 80–81
 Crutch Tips pg. 76
 Felt Base pg. 74
 Horizontal Pipe pg. 76
 Leveling pg. 72–73, 78–79
 Nail-on pg. 74
 Non-Swivel pg. 72
 Plastic Insert pg. 77
 Retread Caps pg. 76, 81
 Rocker pg. 76
 Threaded Inserts pg. 80–81
 Threaded Stem pg. 72–73
 Tubing pg. 75
 Wood Floors pg. 74
 Wrought Iron pg. 76
Grip Ring Casters pg. 26

H

Handicart pg. 93
Hand Truck
 Accessory Bag pg. 88
 Aluminum Convertible pg. 86–87
 Appliance pg. 96–99
 Appliance Aluminum pg. 98–99
 Appliance Brute1800 pg. 99
 Appliance Heavy Duty pg. 99
 Convertible Aluminum pg. 86–87
 Convertible Steel pg. 92
 Curb Ramp pg. 88
 Cylinder pg. 91
 Delivery pg. 86–87, 90–92
 Drum pg. 100
 EZE-off pg. 91
 Folding pg. 86–87, 92–93
 Gemini pg. 86–87
 Heavy Duty pg. 94
 Platform Option pg. 86–87, 92
 Shovel Nose pg. 94
 Steel pg. 90, 94
 Tubes & Tires pg. 64, 105
 Wheels pg. 105
Hard Rubber Wheels pg. 69
Heavy Duty Appliance Truck pg. 99
Heavy Duty Casters pg. 38–45
High Temp. Wheels pg. 65
Hilman Rollers pg. 126

I

Immobilize pg. 51
Institutional Casters pg. 21–27

J

Jack
 Pallet pg. 120
 Jim Pole pg. 104
 Johnson Bar pg. 104

K

Kingpin Comparisons pg. 36

L

Ladder Casters pg. 46
 Lateral File Mover pg. 118
 Laundry Trucks pg. 108
 Leveling Casters pg. 51
 Leveling glides pg. 78–79
 Light Duty Casters pg. 18
 Light Duty Steel Carts pg. 107
 Low Height
 Ball Transfer pg. 53
 Casters pg.
 15, 20, 28, 49, 50, 52
 Low Profile Casters pg. 28

M

Machine Levelers pg. 78–79
 Master Ball Casters pg. 11
 Maxim Wheel pg. 62
 Melcher Ramps pg. 124
 Metric Stem Caster pg. 15
 Model 3000 pg. 100
 Mold-on Polyurethane
 Aluminum Core pg. 57, 66
 Cast Iron Core pg. 66–67
 Polyolefin Core pg. 67
 Mold-on Rubber
 Aluminum Core pg. 56, 68
 Cast Iron Core pg. 68

N

Nail-in Glides pg. 74
 Neoprene Wheels pg. 59
 Nylon Wheels pg. 62–63

O

Omega casters pg. 11
 Omega Wheels pg. 67

P

P6B pg. 118
 Pacer caster pg. 10
 Pads pg. 104
 Pallet Jack pg. 120
 Pallet Pry pg. 104

Pallet Puller pg. 126
 Pallet Trucks pg. 120
 Panel Dolly pg. 112
 Performa Wheels pg. 60
 Phenolic Wheels pg. 61
 Piano Casters pg. 49
 Piano Dolly pg. 114
 Pipe Adapters pg. 16
 Pipe Thread Casters pg. 25
 Planet 25 pg. 12
 Plate Drawings pg. 132–141
 Platform Trucks Aluminum pg.
 110–111
 Platform Trucks Steel pg. 111
 Platform Trucks Wood pg. 110
 Pneumatic
 Casters pg. 34
 Wheels pg. 64, 84
 Polyolefin Wheels pg. 63
 Polypropylene Wheels pg. 63
 Polyurethane Wheels pg. 66–67
 V-Groove pg. 70
 Pry Bar pg. 104

R

Ramp
 Fiberglass pg. 124
 Heavy Duty pg. 125
 Yard pg. 125
 Ratchet Strap pg. 102–103
 Raymond Desk Movers pg. 113
 Refrigerator Appliance Caster pg.
 50
 Refrigerator Truck pg. 96–99
 Retaining Washers pg. 129
 Retread Caps pg. 81
 Reverse Brake pg. 14
 Rigger Set pg. 126
 ROL-A-LIFT pg. 119
 Roller Bearings pg. 6, 129
 ROLL-or-Kari pg. 118
 Rubber Maid pg. 108
 RUBBERMAID pg. 108
 Rubber Tips pg. 76
 Rubber Top Dolly pg. 114
 RWM 2-75 series pg. 45
 RWM 48 series pg. 32
 RWM 65 series pg. 33
 RWM 75 Series pg. 38
 RWM 76 Series pg. 40
 RWM 95 series pg. 42
 RWM 125 series pg. 44
 RWM Kingpinless pg. 33

S

Safety Brake pg. 14

Saturn Casters pg. 13
 Scaffolding Casters pg. 47
 Screw Inserts pg. 81
 Seals pg. 129
 SEMI STEEL pg. 58
 Service Carts pg. 107–109
 Sheetrock Truck pg. 111
 Shepherd Casters pg. 10, 12–13
 Shovel Nose Hand Truck pg. 94
 Single Ball Raceway Casters pg. 20
 Single Wheel casters pg. 18
 Sled Glide pg. 76
 Socket Puller pg. 128
 Sockets pg. 17
 Wood pg. 16
 Soft Rubber Wheels pg. 69
 Soft Wheels pg. 59–60
 Spring Loaded Casters pg. 46
 Stainless
 Institutional pg. 29
 Truck Duty pg. 35
 Steel Carts pg. 107
 Steel Convertible Handtruck pg. 92
 Steel Platform Trucks pg. 111
 Steel Service Carts pg. 107
 Steel Wheels pg. 58
 Stem Chart pg. 130–131
 Stem Pictures pg. 130–131
 Stem Puller pg. 128
 Stocking Carts pg. 109, 117
 Straps pg. 102–103
 Super Ball caster pg. 11
 Swivel Lock pg. 9
 Swivel Threaded Glides pg. 73

T

Terms and Definitions pg. 5
 Threaded Glides pg. 72–73
 Threaded Inserts pg. 80–81
 Threaded Sockets pg. 80
 Threaded stem Casters pg. 23
 Tires pg. 64
 Tools
 Caster Puller pg. 128
 Socket Puller pg. 128
 Stem Puller pg. 128
 Total lock brakes pg. 9
 Tri dolly pg. 116
 Truck Duty Casters pg. 30–33
 Tubes pg. 64
 Tubing Caps pg. 77
 Twin Wheel casters pg. 49

U

U-Boat pg. 117

INDEX

V

Zerk Axles pg. 129

Vending Machine Mover pg.
118–119

V-Grooved Wheels pg. 70

W

Washer Seals pg. 129

Weld Plates pg. 128

Wheel Brake Information pg. 8

Wheels

Bearing Information pg. 6

Capacities pg. 7

Carefree pg. 64

Characteristics Chart pg. 7

Elastomer pg. 62

Flanged pg. 70

Forged Steel pg. 58

Hard Rubber pg. 69

High Temperature pg. 62, 65

Light Weight pg. 62–63

Maxim pg. 62

Moldon Rubber

Aluminum Core pg. 56, 68

Cast Iron Core pg. 68

Neoprene pg. 59

Nylon pg. 62–63

Performa pg. 60

Phenolic pg. 61

Pneumatic pg. 64

Pneumatic Tubes & Tires pg. 64

Polyolefin pg. 63

Polypropylene pg. 63

Polyurethane

Aluminum Core pg. 57, 66

Cast Iron Core pg. 66–67

Polyolefin Core pg. 67

Powdered Iron pg. 58

Rail Flanged pg. 70

Semi Steel pg. 58

Shock Absorbing pg. 59–60, 67

Soft Rubber pg. 69

Solid Elastomer pg. 62

Temperature Ranges pg. 7

Thermoplastic Elastomer pg. 60

V-Grooved pg. 70

Wheelbarrow pg. 64

Wood Platform Trucks pg. 110

Wood Sockets pg. 16

Y

Yard Ramp pg. 125

Yeats Appliance Trucks pg. 98–99

Z

NOTES

Didn't find what you need? Call 1(800)466-2713

Didn't find what you need? Call 1(800)466-2713

DECIMAL and MILLIMETER EQUIVALENTS

		Decimals	Millimeters
	$\frac{1}{64}$	.0156	0.3968
	$\frac{1}{32}$	.0312	0.7937
	$\frac{3}{64}$	.0468	1.1906
$\frac{1}{16}$	$\frac{5}{64}$	.0625	1.5874
	$\frac{7}{64}$	.0781	1.9843
	$\frac{9}{64}$	.0937	2.3812
$\frac{1}{8}$	$\frac{11}{64}$	.1093	2.7780
	$\frac{13}{64}$	.125	3.1749
	$\frac{15}{64}$	.1406	3.5718
	$\frac{17}{64}$	.1562	3.9687
	$\frac{19}{64}$	.1718	4.3655
$\frac{3}{16}$	$\frac{21}{64}$	.1875	4.7624
	$\frac{23}{64}$	.2031	5.1593
	$\frac{25}{64}$	.2187	5.5562
$\frac{1}{4}$	$\frac{27}{64}$	.2343	5.9530
	$\frac{29}{64}$	.250	6.3499
	$\frac{31}{64}$	.2656	6.7467
	$\frac{33}{64}$	.2812	7.1436
	$\frac{35}{64}$	.2968	7.5405
$\frac{5}{16}$	$\frac{37}{64}$	.3125	7.9374
	$\frac{39}{64}$	.3281	8.3342
	$\frac{41}{64}$	.3437	8.7311
$\frac{3}{8}$	$\frac{43}{64}$	.3593	9.1280
	$\frac{45}{64}$	.375	9.5249
	$\frac{47}{64}$	.3906	9.9217
	$\frac{49}{64}$	.4062	10.3186
	$\frac{51}{64}$	.4218	10.7154
$\frac{7}{16}$	$\frac{53}{64}$	.4375	11.1124
	$\frac{55}{64}$	.4531	11.5092
	$\frac{57}{64}$	.4687	11.9061
$\frac{1}{2}$	$\frac{59}{64}$	.4843	12.3029
	$\frac{61}{64}$	.500	12.6998

1 mm. = .03937"

	Decimals	Millimeters
$\frac{33}{64}$	.5156	13.0967
$\frac{17}{32}$	.5312	13.4936
$\frac{35}{64}$	.5468	13.8904
$\frac{9}{16}$	.5625	14.2873
	.5781	14.6841
$\frac{19}{32}$	.5937	15.0811
	.6093	15.4779
$\frac{5}{8}$	.625	15.8748
	.6406	16.2716
$\frac{21}{32}$	.6562	16.6685
	.6718	17.0654
$\frac{11}{16}$	.6875	17.4623
	.7031	17.8591
$\frac{23}{32}$	.7187	18.2560
	.7343	18.6528
$\frac{3}{4}$	.750	19.0498
	.7656	19.4466
$\frac{25}{32}$	.7812	19.8435
	.7968	20.2403
$\frac{13}{16}$	.8125	20.6373
	.8281	21.0341
$\frac{27}{32}$	.8437	21.4310
	.8593	21.8278
$\frac{7}{8}$	.875	22.2247
	.8906	22.6215
$\frac{29}{32}$	.9062	23.0185
	.9218	23.4153
$\frac{15}{16}$	.9375	23.8122
	.9531	24.2090
$\frac{31}{32}$	.9687	24.6060
	.9843	25.0028
1	1.000	25.3997

.001" = .0254 mm.

GAUGE CHARTS

Birmingham Wire Gauge Tubing

Gauge	Wall Thickness
10	.134"
11	.120"
12	.109"
13	.095"
14	.083"
15	.072"
16	.065"
17	.058"
18	.049"
19	.042"
20	.035"
21	.032"
22	.028"

National Bedstead Tubing

Outside Diameter	Inside Diameter	Wall Thickness
.375"	.245"	.065"
.500"	.370"	.065"
.625"	.487"	.069"
.750"	.594"	.078"
.840"	.684"	.078"
.875"	.719"	.078"
1.000"	.844"	.078"
1.050"	.894"	.078"
1.250"	1.072"	.089"
1.315"	1.137"	.089"
1.500"	1.310"	.095"
1.660"	1.470"	.095"
1.900"	1.682"	.109"

National Standard Pipe

Size	Inside Diameter	Wall Thickness
$\frac{1}{2}$ "	.622"	.109"
$\frac{3}{4}$ "	.824"	.113"
1"	1.049"	.133"
1- $\frac{1}{4}$ "	1.380"	.140"
1- $\frac{1}{2}$ "	1.610"	.145"
2"	2.067"	.154"

Catalog prepared in house by Martin Holroyd, CPBW (chief pot & bottle washer)

© L. G. Rathbun Company Denver, CO (800)466-2713 - Your Caster Source - 01/2015

L. G. Rathbun Company
1215 West Alameda Ave.
Denver, Colorado 80223
(303) 744-2713 Fax: (303) 778-6859

CREDIT APPLICATION

Name: _____ Phone#: _____
Company Website: _____ Fax#: _____

Billing to Address:

Shipping to Address:

Primary Contact: _____

Principal Officer: _____

Email Address: _____

Email Address: _____

Purchases taxable? ____

Purchases tax exempt? ____

State# _____

City# _____

(If exempt, please include a copy of your state and city tax certificates.)

Corporation? ____ Partnership? ____ Proprietorship? ____ L L C/P? ____

Type of business? _____

Years in business? _____

Amount of credit requested? _____

REFERENCES

1. Name: _____
Phone: _____
Fax: _____

2. Name: _____
Phone: _____
Fax: _____

3. Name: _____
Phone: _____
Fax: _____

4. Name: _____
Phone: _____
Fax: _____

TERMS

Our terms are NET 25 DAYS. By signing this form, you agree to pay a service charge of 1.5% per month (18% per year) on all PAST DUE invoices. You also agree to pay all reasonable collection costs should it be necessary to transfer your account for collections.

*** There is a \$10.00 minimum billing charge on all invoices. ***

Signature _____ Title _____ Date _____

